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***R-3100A***  
***NC 16 FROM NORTH OF SR 1814 (CALDWELL ROAD)***  
***TO SR 1895 (TOWER ROAD)***  
***CROSS-SECTIONS***

INDEX OF SHEETS

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# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-3100A	X-1B

Quantities are approximate only. The Resident Engineer will recross-section the work accurately when the project is staked out. These cross-section notes will be used in computing the final quantities for which the contractor will be paid.

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDES BACKFILL FOR UNDERCUT

## CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt
L LT	(cu. yd.)	(cu. yd.)	L LT	(cu. yd.)	(cu. yd.)	L LT	(cu. yd.)	(cu. yd.)	L LT	(cu. yd.)	(cu. yd.)	L LT	(cu. yd.)	(cu. yd.)	L LT	(cu. yd.)	(cu. yd.)
12+00.00	0	0	38+50.00	52	14	63+00.00	79	43	87+50.00	51	50	108+05.00	2	11	130+00.00	11	183
12+50.00	10	43	39+00.00	53	16	63+50.00	44	49	88+00.00	64	42				130+50.00	0	158
13+00.00	21	34	39+50.00	54	19	64+00.00	15	55	88+50.00	87	31	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	131+00.00	1	252
13+50.00	39	32	40+00.00	55	19	64+50.00	8	57	89+00.00	105	27				131+50.00	1	456
14+00.00	57	31	40+50.00	48	19	65+00.00	31	54	89+50.00	99	29	<b>L LT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	132+00.00	0	662
14+50.00	47	24	41+00.00	35	21	65+50.00	70	47	90+00.00	88	31	108+50.00	52	255	132+50.00	0	731
15+00.00	19	28	41+50.00	44	17	66+00.00	96	43	90+50.00	82	31	109+00.00	211	156	133+00.00	0	732
15+50.00	10	37	42+00.00	29	5	66+50.00	111	44	91+00.00	85	26	109+50.00	184	86	133+50.00	0	769
16+00.00	13	35				67+00.00	110	47	91+50.00	106	20	110+00.00	4	152	134+00.00	0	816
16+50.00	17	29	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	67+50.00	103	52	92+00.00	124	19	110+50.00	3	144	134+50.00	0	774
17+00.00	14	22				68+00.00	90	55	92+50.00	129	18	111+00.00	2	150	135+00.00	0	747
17+50.00	8	21	<b>L LT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	68+50.00	69	50	93+00.00	108	18	111+50.00	2	149	135+50.00	0	701
18+00.00	7	19	42+50.00	41	32	69+00.00	44	44	93+50.00	76	20	112+00.00	2	118	136+00.00	0	610
18+50.00	17	31	43+00.00	61	30	69+50.00	15	49	94+00.00	64	32	112+50.00	1	126	136+50.00	0	610
19+00.00	47	38	43+50.00	79	32	70+00.00	3	59	94+50.00	49	41	113+00.00	0	161	137+00.00	0	609
19+50.00	107	34	44+00.00	88	44	70+50.00	3	75	94+70.00	16	16	113+50.00	1	181	137+50.00	0	581
20+00.00	160	44	44+50.00	70	42	71+00.00	5	106				114+00.00	1	210	138+00.00	0	546
20+50.00	171	46	45+00.00	59	37	71+50.00	5	156	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	114+50.00	0	232	138+50.00	0	459
21+00.00	157	39	45+50.00	65	31	72+00.00	2	93				115+00.00	0	231	139+00.00	0	326
21+50.00	134	34	46+00.00	63	23				<b>L LT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	115+50.00	1	198	139+50.00	58	189
22+00.00	134	24	46+50.00	31	102	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	95+00.00	23	18	116+00.00	2	173	140+00.00	144	132
22+50.00	181	16	47+00.00	1	173				95+50.00	24	43	116+50.00	5	110	140+50.00	188	77
23+00.00	228	19	47+50.00	0	198	<b>L LT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	96+00.00	16	42	117+00.00	19	28	141+00.00	145	39
23+50.00	263	20	48+00.00	0	253	72+50.00	23	154	96+50.00	12	101	117+50.00	50	21	141+50.00	104	54
24+00.00	269	15	48+50.00	0	226	73+00.00	31	119	97+00.00	19	94	118+00.00	144	19	142+00.00	102	61
24+50.00	246	13	49+00.00	0	152	73+50.00	32	97	97+50.00	45	16	118+50.00	340	18	142+50.00	56	79
25+00.00	214	15	49+50.00	0	149	74+00.00	60	68	98+00.00	56	14	119+00.00	488	20	143+00.00	48	67
25+50.00	194	15	50+00.00	99	98	74+50.00	64	48	98+50.00	31	128	119+50.00	706	22	143+50.00	94	43
26+00.00	203	13	50+50.00	467	24	75+00.00	56	45	99+00.00	11	236	120+00.00	977	19	144+00.00	122	28
26+50.00	194	13	51+00.00	847	16	75+50.00	77	33	99+50.00	14	204	120+50.00	1072	17	144+50.00	107	27
27+00.00	144	14	51+50.00	604	19	76+00.00	62	34	100+00.00	19	135	121+00.00	1023	17	145+00.00	81	32
27+50.00	144	18	52+00.00	274	31	76+50.00	64	44	100+50.00	20	75	121+50.00	892	17	145+50.00	61	45
28+00.00	108	42	52+50.00	297	36	77+00.00	95	39	101+00.00	12	44	122+00.00	725	20	146+00.00	58	37
28+50.00	69	59	53+00.00	251	37	77+50.00	144	31	101+38.91	3	22	122+50.00	537	20	146+50.00	42	40
29+00.00	134	70	53+50.00	153	32	78+00.00	194	30				123+00.00	386	18	147+00.00	23	83
29+50.00	87	84	54+00.00	69	24	78+50.00	201	28	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	123+50.00	242	25	147+50.00	30	106
30+00.00	6	78	54+50.00	169	28	79+00.00	150	31				124+00.00	133	36	148+00.00	69	94
30+50.00	5	123	55+00.00	294	37	79+50.00	144	32	<b>L LT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	124+50.00	91	40	148+50.00	94	115
31+00.00	3	196	55+50.00	268	30	80+00.00	165	31	101+38.91	0	0	125+00.00	61	42	149+00.00	83	168
31+50.00	2	222	56+00.00	185	44	80+50.00	115	40	101+50.00	1	13	125+50.00	59	43	149+50.00	108	209
32+00.00	2	273	56+50.00	113	82	81+00.00	77	49	102+00.00	95	19	126+00.00	74	42	150+00.00	149	237
32+50.00	2	244	57+00.00	90	141	81+50.00	66	44	102+50.00	156	21	126+50.00	47	44	150+50.00	190	239
33+00.00	144	113	57+50.00	67	149	82+00.00	56	40	103+00.00	105	29	127+00.00	9	24	151+00.00	122	128
33+50.00	214	49	58+00.00	32	97	82+50.00	47	37	103+50.00	99	28				151+50.00	44	353
34+00.00	90	42	58+50.00	32	53	83+00.00	32	36	104+00.00	114	26	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	152+00.00	188	522
34+50.00	44	40	59+00.00	54	22	83+50.00	13	35	104+50.00	187	23				152+50.00	200	324
35+00.00	56	35	59+50.00	43	16	84+00.00	30	38	105+00.00	285	28	<b>L LT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	153+00.00	117	224
35+50.00	66	33	60+00.00	62	17	84+50.00	93	58	105+50.00	319	28	127+00.00	5	20	153+50.00	180	100
36+00.00	72	35	60+50.00	99	14	85+00.00	111	66	106+00.00	260	12	127+50.00	8	61	154+00.00	234	36
36+50.00	70	31	61+00.00	103	11	85+50.00	84	51	106+50.00	142	15	128+00.00	10	131	154+50.00	367	28
37+00.00	69	17	61+50.00	94	27	86+00.00	63	46	107+00.00	54	44	128+50.00	17	253	155+00.00	595	19
37+50.00	61	6	62+00.00	90	38	86+50.00	50	48	107+50.00	25	73	129+00.00	13	369	155+50.00	800	17
38+00.00	53	10	62+50.00	92	37	87+00.00	48	50	108+00.00	32	157	129+50.00	14	323	156+00.00	908	16

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-3100A	X-1C

Quantities are approximate only. The Resident Engineer will re-cross-section the work accurately when the project is staked out. These cross-section notes will be used in computing the final quantities for which the contractor will be paid.

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDES BACKFILL FOR UNDERCUT

## CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt
L LT	(cu. yd.)	(cu. yd.)	L LT	(cu. yd.)	(cu. yd.)	L LT	(cu. yd.)	(cu. yd.)	L LT	(cu. yd.)	(cu. yd.)	L LT	(cu. yd.)	(cu. yd.)	L RT	(cu. yd.)	(cu. yd.)
156+50.00	875	16	180+50.00	2099	0	204+50.00	1643	1	228+50.00	0	969	250+50.00	63	50	32+50.00	0	1491
157+00.00	853	16	181+00.00	1794	0	205+00.00	1751	1	229+00.00	0	1451	251+00.00	22	29	33+00.00	0	1491
			181+50.00	1215	1	205+50.00	1694	3	229+50.00	0	2505	251+50.00	2	50	33+50.00	0	1296
Station	Uncl. Exc.	Embt	182+00.00	1089	2	206+00.00	1434	4	230+00.00	0	3157	252+00.00	2	102	34+00.00	0	1003
L LT	(cu. yd.)	(cu. yd.)	182+50.00	1202	2	206+50.00	1153	5	230+50.00	0	2959	252+50.00	38	69	34+50.00	0	808
157+00.00	444	6	183+00.00	1227	2	207+00.00	939	7	231+00.00	0	2044	253+00.00	47	20	35+00.00	0	656
157+50.00	691	14	183+50.00	1202	4	207+50.00	746	16	231+50.00	0	1269	253+50.00	157	30	35+50.00	0	521
158+00.00	464	16	184+00.00	1166	7	208+00.00	677	26	232+00.00	0	1323	253+80.00	88	8	36+00.00	0	393
158+50.00	339	21	184+50.00	1144	7	208+50.00	718	56	232+50.00	0	1422				36+50.00	0	258
159+00.00	323	27	185+00.00	1030	3	209+00.00	647	123	233+00.00	0	1453				37+00.00	0	146
159+50.00	307	24	185+50.00	867	0	209+50.00	540	223							37+50.00	31	63
160+00.00	113	31	186+00.00	728	0	210+00.00	498	267							38+00.00	99	19
160+50.00	6	56	186+50.00	587	3	210+50.00	381	202							38+50.00	142	6
161+00.00	0	87	187+00.00	510	6	211+00.00	310	89							39+00.00	142	4
161+50.00	0	119				211+50.00	331	38	233+50.00	0	1269	13+00.00	1381	9	39+50.00	124	4
162+00.00	0	143				212+00.00	361	41	234+00.00	30	930	13+50.00	1341	9	40+00.00	96	5
162+50.00	0	161				212+50.00	334	45	234+50.00	30	681	14+00.00	1679	9	40+50.00	57	15
163+00.00	0	157				213+00.00	215	73	235+00.00	0	553	14+50.00	1695	7	41+00.00	46	19
163+50.00	0	151	187+00.00	252	4	213+50.00	68	145	235+50.00	1	377	15+00.00	1195	5	41+50.00	54	18
164+00.00	0	270	187+50.00	450	13	214+00.00	10	342	236+00.00	8	256	15+50.00	859	5	42+00.00	24	10
164+50.00	0	555	188+00.00	332	47	214+50.00	171	248	236+50.00	42	146	16+00.00	637	5			
165+00.00	0	699	188+50.00	298	91	215+00.00	171	373	237+00.00	120	73	16+50.00	568	3			
165+50.00	0	1271	189+00.00	319	101	215+50.00	45	756	237+50.00	190	39	17+00.00	595	2			
166+00.00	0	1511	189+50.00	379	71	216+00.00	45	788	238+00.00	261	31	17+50.00	585	3			
166+50.00	0	1165	190+00.00	560	27	216+50.00	0	827	238+50.00	392	61	18+00.00	495	4	42+00.00	10	127
167+00.00	0	1179	190+50.00	449	24	217+00.00	0	934	239+00.00	440	79	18+50.00	358	14	42+50.00	13	370
167+50.00	0	1173	191+00.00	157	52				239+50.00	294	52	19+00.00	253	23	43+00.00	3	460
168+00.00	15	1396	191+50.00	89	54				240+00.00	130	25	19+50.00	174	43	43+50.00	0	390
168+50.00	154	1313	192+00.00	104	41				240+50.00	119	17	20+00.00	104	73	44+00.00	0	352
169+00.00	200	736	192+50.00	129	26				241+00.00	206	20	20+50.00	70	75	44+50.00	0	300
169+50.00	61	387	193+00.00	145	12	217+00.00	0	504	241+50.00	328	24	21+00.00	110	48	45+00.00	0	223
170+00.00	0	251	193+50.00	151	7	217+50.00	0	556	242+00.00	470	28	21+50.00	314	22	45+50.00	0	260
170+50.00	3	169	194+00.00	198	6	218+00.00	0	353	242+50.00	594	31	22+00.00	532	8	46+00.00	0	444
171+00.00	6	145	194+50.00	234	13	218+50.00	0	656	243+00.00	689	35	22+50.00	656	2	46+50.00	0	963
171+50.00	19	144	195+00.00	225	15	219+00.00	0	751	243+50.00	776	37	23+00.00	764	3	47+00.00	0	1484
172+00.00	51	112	195+50.00	208	12	219+50.00	0	880	244+00.00	833	38	23+50.00	794	4	47+50.00	0	1845
172+50.00	46	102	196+00.00	169	15	220+00.00	0	1113	244+50.00	856	35	24+00.00	646	3	48+00.00	0	1660
173+00.00	19	106	196+50.00	262	60	220+50.00	0	1276	245+00.00	854	39	24+50.00	464	1	48+50.00	0	1161
173+50.00	18	88	197+00.00	316	125	221+00.00	0	1239	245+50.00	834	49	25+00.00	342	0	49+00.00	0	976
174+00.00	37	92	197+50.00	324	143	221+50.00	0	1062	246+00.00	807	59	25+50.00	250	1	49+50.00	0	658
174+50.00	109	91	198+00.00	209	104	222+00.00	0	839	246+50.00	771	69	26+00.00	242	2	50+00.00	13	239
175+00.00	395	45	198+50.00	49	49	222+50.00	0	682	247+00.00	742	74	26+50.00	177	19	50+50.00	254	24
175+50.00	1073	14	199+00.00	94	25	223+00.00	0	659	247+50.00	726	76	27+00.00	87	116	51+00.00	574	7
176+00.00	1544	11	199+50.00	142	13	223+50.00	0	804	248+00.00	708	78	27+50.00	54	252	51+50.00	701	4
176+50.00	1187	9	200+00.00	204	7	224+00.00	0	672	248+23.86	331	38	28+00.00	46	382	52+00.00	628	11
177+00.00	826	5	200+50.00	269	6	224+50.00	0	336				28+50.00	94	320	52+50.00	509	13
177+50.00	1036	0	201+00.00	284	4	225+00.00	0	239				29+00.00	142	157	53+00.00	344	17
178+00.00	1344	0	201+50.00	366	3	225+50.00	0	352				29+50.00	75	261	53+50.00	127	27
178+50.00	1507	0	202+00.00	419	3	226+00.00	0	458				30+00.00	0	559	54+00.00	76	82
179+00.00	1625	0	202+50.00	584	14	226+50.00	0	386	248+50.00	328	44	30+50.00	0	807	54+50.00	89	191
179+50.00	1755	0	203+00.00	909	16	227+00.00	0	339	249+00.00	610	76	31+00.00	0	1012	55+00.00	109	277
180+00.00	1931	0	203+50.00	1169	7	227+50.00	0	409	249+50.00	368	88	31+50.00	0	1243	55+50.00	277	153
			204+00.00	1419	5	228+00.00	0	616	250+00.00	113	89	32+00.00	0	1407	56+00.00	250	134

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

PROJ. REFERENCE NO.	SHEET NO.
R-3100A	X-1D

Quantities are approximate only. The Resident Engineer will re-cross-section the work accurately when the project is staked out. These cross-section notes will be used in computing the final quantities for which the contractor will be paid.

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDES BACKFILL FOR UNDERCUT

## CROSS-SECTION SUMMARY

Station L RT	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station L RT	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station L RT	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station L RT	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station		Station L RT	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	
												Uncl. Exc. (cu. yd.)	Embt (cu. yd.)				
56+50.00	85	257	80+50.00	571	5	104+00.00	97	28	128+00.00	17	1005	149+50.00	2	57	169+50.00	3	64
57+00.00	119	190	81+00.00	368	9	104+50.00	202	20	128+50.00	37	742	150+00.00	1	31	170+00.00	4	62
57+50.00	127	81	81+50.00	179	16	105+00.00	238	14	129+00.00	56	553				170+50.00	4	69
58+00.00	166	16	82+00.00	84	19	105+50.00	224	12	129+50.00	31	459	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	171+00.00	4	59
58+50.00	282	2	82+50.00	77	17	106+00.00	167	20	130+00.00	6	386				171+50.00	5	36
59+00.00	332	1	83+00.00	61	23	106+50.00	83	55	130+50.00	3	386	<b>L RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	172+00.00	5	26
59+50.00	298	0	83+50.00	28	97	107+00.00	44	93	131+00.00	13	367	150+00.00	1	31	172+50.00	36	83
60+00.00	288	0	84+00.00	11	241	107+50.00	48	129	131+50.00	35	335	150+50.00	2	52	173+00.00	98	81
60+50.00	303	0	84+50.00	7	421	108+00.00	46	213	132+00.00	38	319	151+00.00	2	31	173+50.00	114	18
61+00.00	207	5	85+00.00	5	557	108+50.00	57	341	132+50.00	20	291	151+50.00	2	49	174+00.00	84	19
61+50.00	68	24	85+50.00	16	507	109+00.00	56	532	133+00.00	7	250	152+00.00	2	83	174+50.00	111	25
62+00.00	18	59	86+00.00	25	435	109+50.00	28	804	133+50.00	47	114	152+50.00	1	45	175+00.00	208	20
62+50.00	6	107	86+50.00	12	540	110+00.00	15	1019	134+00.00	60	0				175+50.00	159	15
63+00.00	9	154	87+00.00	3	642	110+50.00	28	1114	134+50.00	16	18	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	176+00.00	59	12
63+50.00	15	186	87+50.00	6	548	111+00.00	31	1061	135+00.00	3	25				176+50.00	216	12
64+00.00	12	238	88+00.00	13	379	111+50.00	27	869	135+50.00	6	8	<b>L RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	177+00.00	299	6
64+50.00	16	229	88+50.00	19	289	112+00.00	30	561	136+00.00	15	1	153+00.00	2	94	177+50.00	319	2
65+00.00	33	136	89+00.00	29	252	112+50.00	41	443	136+50.00	38	0	153+50.00	2	85	178+00.00	294	4
65+50.00	68	63	89+50.00	26	242	113+00.00	31	606	137+00.00	56	0	154+00.00	3	102	178+50.00	127	6
66+00.00	164	24	90+00.00	8	317	113+50.00	5	699	137+50.00	75	0	154+50.00	5	109	179+00.00	70	8
66+50.00	225	11	90+50.00	0	413	114+00.00	5	658	138+00.00	76	0	155+00.00	7	64	179+50.00	56	5
67+00.00	208	10	91+00.00	0	411	114+50.00	28	443	138+50.00	37	4	155+50.00	18	38	180+00.00	39	5
67+50.00	184	15	91+50.00	0	364	115+00.00	44	191	139+00.00	8	4	156+00.00	40	39	180+50.00	31	6
68+00.00	109	29	92+00.00	0	365	115+50.00	20	181				156+50.00	48	36	181+00.00	72	8
68+50.00	27	139	92+50.00	0	384	116+00.00	12	189	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	157+00.00	21	19	181+50.00	141	22
69+00.00	0	409	93+00.00	0	388	116+50.00	74	70							182+00.00	125	33
69+50.00	3	695	93+50.00	0	396	117+00.00	271	16	<b>L RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	182+50.00	52	34
70+00.00	5	862	94+00.00	0	437	117+50.00	597	6	139+00.00	11	5				183+00.00	12	37
70+50.00	7	909	94+50.00	2	609	118+00.00	988	1	139+50.00	24	17	<b>L RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	183+50.00	19	81
71+00.00	20	863	95+00.00	2	731	118+50.00	1394	0	140+00.00	24	23	157+50.00	24	42	184+00.00	19	88
71+50.00	39	740	95+50.00	0	651	119+00.00	1813	0	140+50.00	17	17	158+00.00	6	46	184+50.00	5	46
72+00.00	24	330	96+00.00	0	539	119+50.00	2176	0	141+00.00	9	27	158+50.00	8	42	185+00.00	6	33
			96+50.00	1	326	120+00.00	2459	0	141+50.00	7	43	159+00.00	9	67	185+50.00	6	44
<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	97+00.00	3	129	120+50.00	2619	0	142+00.00	4	21	159+50.00	5	65	186+00.00	4	81
			97+50.00	3	97	121+00.00	2529	0				160+00.00	6	33	186+50.00	1	119
<b>L RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	98+00.00	2	134	121+50.00	2260	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	160+50.00	7	33	187+00.00	0	67
72+00.00	28	264	98+50.00	2	148	122+00.00	1832	0				161+00.00	8	33			
72+50.00	54	494	99+00.00	2	113	122+50.00	1369	0	<b>L RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	161+50.00	6	37	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>
73+00.00	44	444	99+50.00	2	94	123+00.00	957	0	142+00.00	0	0	162+00.00	4	42	<b>L RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
73+50.00	31	421	100+00.00	1	75	123+50.00	478	19	142+50.00	14	43	162+50.00	3	43	187+50.00	18	157
74+00.00	21	396	100+50.00	0	67	124+00.00	108	76	143+00.00	24	35	163+00.00	4	28	188+00.00	23	181
74+50.00	20	337	101+00.00	0	34	124+50.00	7	119	143+50.00	23	34	163+50.00	4	32	188+50.00	20	198
75+00.00	18	262	101+38.91	0	0	125+00.00	37	146	144+00.00	10	36	164+00.00	1	54	189+00.00	13	236
75+50.00	17	158				125+50.00	47	281	144+50.00	5	43	164+50.00	0	70	189+50.00	51	244
76+00.00	59	54	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	126+00.00	23	457	145+00.00	5	43	165+00.00	0	136	190+00.00	71	116
76+50.00	146	22				126+50.00	16	536	145+50.00	5	31	165+50.00	0	137	190+50.00	31	41
77+00.00	272	25	<b>L RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	127+00.00	7	275	146+00.00	3	27	166+00.00	0	82	191+00.00	19	55
77+50.00	445	21	101+38.91	0	0				146+50.00	2	36	166+50.00	0	101	191+50.00	16	42
78+00.00	609	15	101+50.00	0	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	147+00.00	3	42	167+00.00	0	121	192+00.00	9	45
78+50.00	749	7	102+00.00	32	6				147+50.00	3	42	167+50.00	0	115	192+50.00	18	33
79+00.00	878	4	102+50.00	72	24	<b>L RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	148+00.00	2	49	168+00.00	0	110	193+00.00	24	28
79+50.00	881	3	103+00.00	63	34	127+00.00	13	307	148+50.00	2	51	168+50.00	0	256	193+50.00	38	27
80+00.00	748	2	103+50.00	35	33	127+50.00	23	859	149+00.00	2	51	169+00.00	1	236			

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

<b>PROJ. REFERENCE NO.</b>	<b>SHEET NO.</b>
R-3100A	X-1E

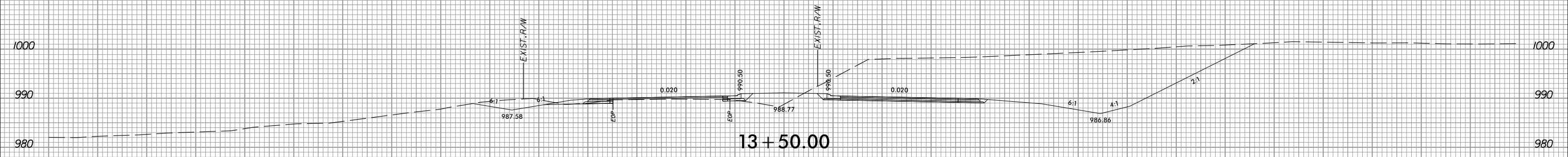
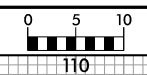
**Quantities are approximate only. The Resident Engineer will recross-section the work accurately when the project is staked out. These cross-section notes will be used in computing the final quantities for which the contractor will be paid.**

**NOTE: EMBANKMENT COLUMN DOES NOT INCLUDES BACKFILL FOR UNDERCUT**

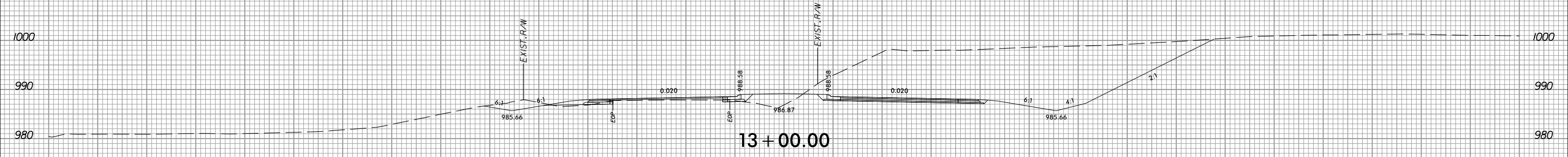
## CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt	Station	Uncl. Exc.	Embt
L RT	(cu. yd.)	(cu. yd.)	L RT	(cu. yd.)	(cu. yd.)	L RT	(cu. yd.)	(cu. yd.)	L CL	(cu. yd.)	(cu. yd.)	Y18	(cu. yd.)	(cu. yd.)	Y20	(cu. yd.)	(cu. yd.)
194+00.00	33	39	215+50.00	179	62	240+00.00	13	6	248+50.00	0	3	11+25.00	15	3	12+20.00	78	3
194+50.00	11	94	216+00.00	195	42				249+00.00	0	13	11+50.00	13	3	12+50.00	114	6
195+00.00	19	131	216+50.00	194	30	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	249+50.00	0	28				12+80.00	61	81
195+50.00	49	129	217+00.00	144	11				250+00.00	0	34	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	13+09.03	1	147
196+00.00	77	120				<b>L RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	250+50.00	0	32						
196+50.00	44	177	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	240+50.00	3	62	251+00.00	0	31	<b>Y19</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>
197+00.00	32	146				241+00.00	1	70	251+50.00	0	38	13+15.00	0	0	<b>Y21</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
197+50.00	54	53	<b>L RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	241+50.00	1	70	252+00.00	1	54	13+65.00	191	16			
198+00.00	70	46	217+50.00	556	22	242+00.00	1	69	252+50.00	2	67	14+00.00	100	18	10+36.48	0	0
198+50.00	96	39	218+00.00	506	30	242+50.00	2	58	253+00.00	2	91	14+50.00	125	33	10+70.00	1	235
199+00.00	86	31	218+50.00	501	39	243+00.00	4	45	253+50.00	3	117	15+00.00	134	31	11+00.00	1	143
199+50.00	57	25	219+00.00	608	50	243+50.00	6	41				15+50.00	116	52	11+30.00	12	64
200+00.00	37	22	219+50.00	569	51	244+00.00	7	22	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	16+00.00	79	71	11+70.00	16	67
200+50.00	25	19	220+00.00	363	46	244+50.00	9	18	<b>L1</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	16+50.00	63	61	12+15.00	8	42
201+00.00	7	8	220+50.00	242	48	245+00.00	12	26				17+00.00	55	51			
			221+00.00	290	47	245+50.00	12	23	15+53.53	0	0	17+50.00	59	34	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>
<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	221+50.00	352	51	246+00.00	11	24	16+00.00	2	72	18+00.00	132	11	<b>Y22</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
<b>L RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	222+00.00	322	52	246+50.00	18	26	16+50.00	5	70	18+50.00	217	2			
			222+50.00	249	53	247+00.00	22	29	17+00.00	6	50	19+00.00	281	1	12+10.00	0	0
201+00.00	0	0	223+00.00	257	50	247+50.00	21	32	17+50.00	6	31	19+50.00	356	0	12+70.00	261	14
201+50.00	51	14	223+50.00	307	44	248+00.00	21	32	18+00.00	9	14	19+96.58	381	0	13+30.00	591	40
202+00.00	32	74	224+00.00	303	35	248+50.00	14	31	18+50.00	8	6				13+64.23	415	42
202+50.00	5	131	224+50.00	290	30	249+00.00	119	28	19+00.00	7	6	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>			
203+00.00	50	76	225+00.00	396	31	249+50.00	162	25	19+50.00	9	3	<b>Y19</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>
203+50.00	48	7	225+50.00	512	32	250+00.00	81	23	20+00.00	8	2				<b>Y22 DET</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
			226+00.00	480	33	250+50.00	62	22	20+50.00	14	1	20+67.72	0	0			
<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	226+50.00	360	35	251+00.00	46	21	20+62.23	2	0	21+00.00	19	23	10+00.00	0	0
<b>L RT</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	227+00.00	256	35	251+50.00	44	21				21+50.00	106	22	10+82.27	33	0
			227+50.00	183	43	252+00.00	45	22	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	22+00.00	186	8	11+48.45	58	0
203+50.00	0	0	228+00.00	134	61	252+50.00	85	20	<b>Y16</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	22+50.00	219	6	12+08.80	250	0
204+00.00	44	15	228+50.00	87	110	253+00.00	106	19				23+00.00	228	6	12+80.62	519	0
204+50.00	78	10	229+00.00	108	162	253+50.00	59	18	11+75.00	0	0	23+50.00	194	6			
205+00.00	65	10	229+50.00	136	143	253+80.00	11	4	12+15.00	3	4	24+00.00	170	9	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>
205+50.00	28	12	230+00.00	51	106				12+55.00	16	10	24+50.00	134	20	<b>Y22 DET REM</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>
206+00.00	14	14	230+50.00	2	119	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	13+05.00	56	50	25+00.00	71	38			
206+50.00	8	27	231+00.00	0	132				13+39.49	55	59	25+50.00	32	62	10+00.00	0	0
207+00.00	3	54	231+50.00	0	327	<b>L CL</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>				26+00.00	30	90	10+82.27	0	25
207+50.00	2	81	232+00.00	4	556	127+00.00	0	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	26+50.00	24	123	11+48.45	0	46
208+00.00	1	62	232+50.00	4	507	127+50.00	0	25	<b>Y17</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>	27+00.00	24	131	12+08.80	59	59
208+50.00	0	43	233+00.00	0	419	128+00.00	0	7							12+80.62	142	78
209+00.00	6	103	233+50.00	2	319	128+50.00	0	2	10+35.69	0	0	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>			
209+50.00	42	119	234+00.00	5	220	130+00.00	1	18	10+60.00	48	26	<b>Y31</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>			
210+00.00	240	66	234+50.00	6	185	130+50.00	2	18	11+20.00	76	34						
210+50.00	212	64	235+00.00	7	184	131+00.00	1	0	11+60.00	13	3	11+40.00	0	0			
211+00.00	17	77	235+50.00	14	123	132+50.00	6	0	12+00.00	2	2	11+90.00	21	6			
211+50.00	114	66	236+00.00	25	31	133+00.00	7	7				12+40.00	20	29			
212+00.00	328	59	236+50.00	20	25	133+50.00	4	12	<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>	12+59.50	0	19			
212+50.00	331	68	237+00.00	14	24	134+00.00	3	7	<b>Y18</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>						
213+00.00	157	71	237+50.00	20	19	134+50.00	2	4				<b>Station</b>	<b>Uncl. Exc.</b>	<b>Embt</b>			
213+50.00	51	57	238+00.00	25	18	135+00.00	1	1	10+35.69	0	0						
214+00.00	21	47	238+50.00	32	17				10+50.00	14	61	<b>Y20</b>	<b>(cu. yd.)</b>	<b>(cu. yd.)</b>			
214+50.00	30	44	239+00.00	41	15				10+75.00	21	56						
215+00.00	43	62	239+50.00	34	13				11+00.00	17	4	11+50.00	0	0			
									11+85.00	16	5	11+85.00	16	5			

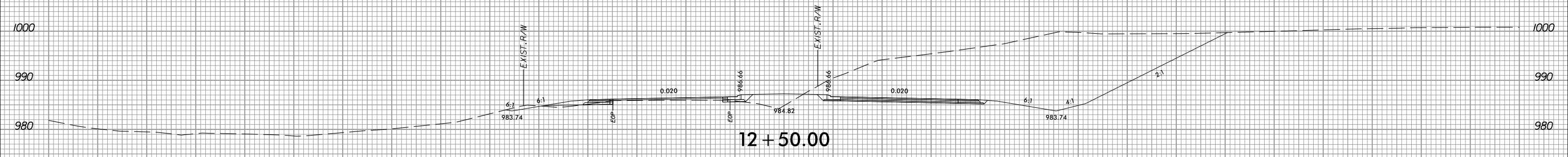




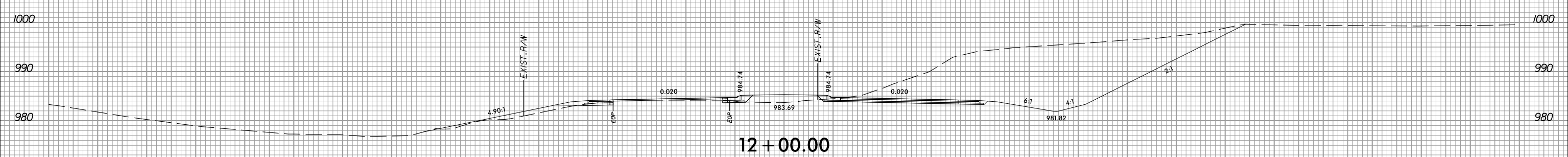
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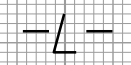
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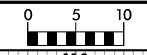
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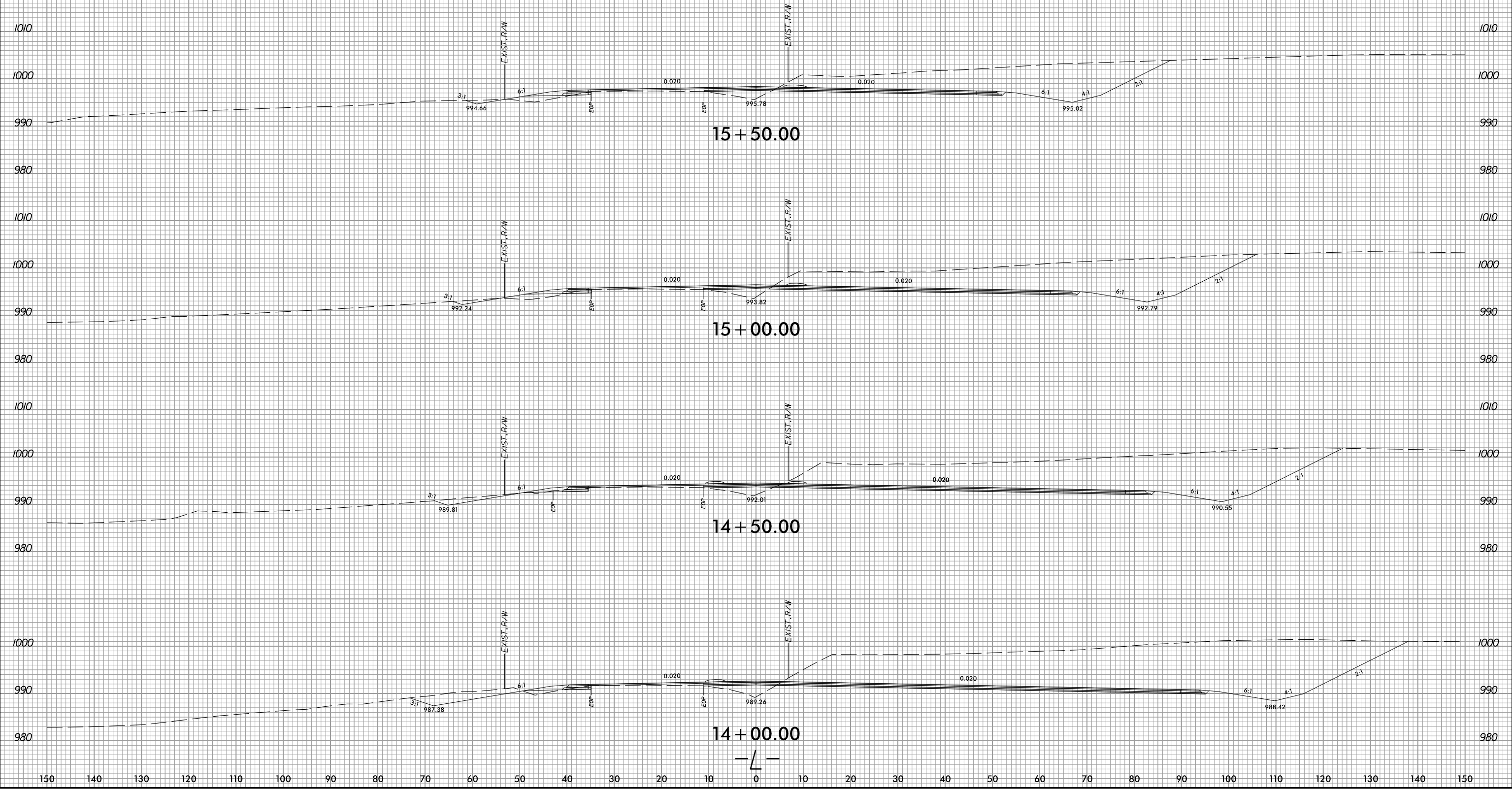
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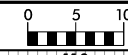






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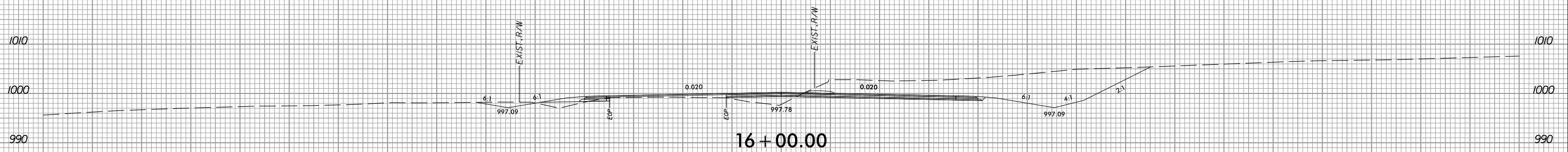
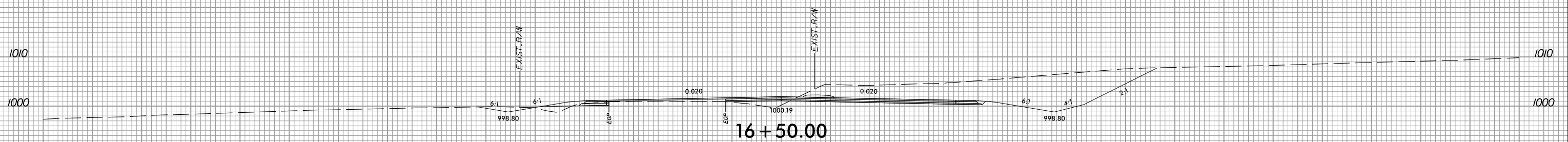
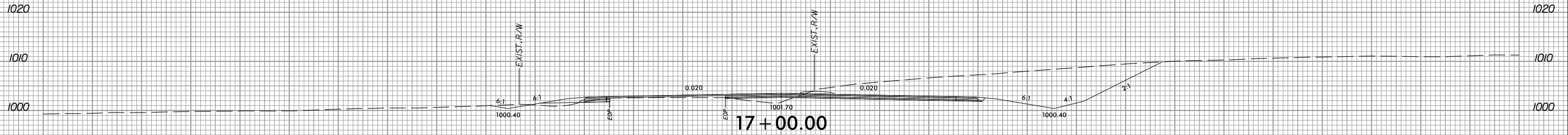
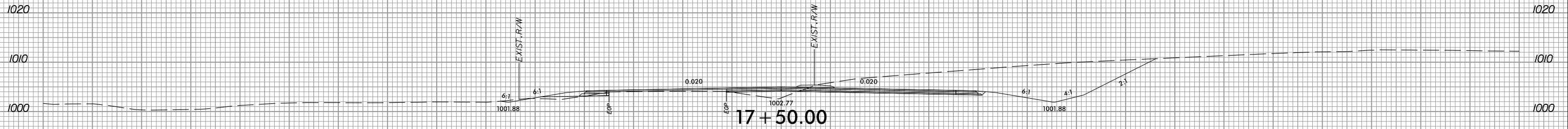




PROJ. REFERENCE NO.  
R-3100A

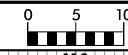
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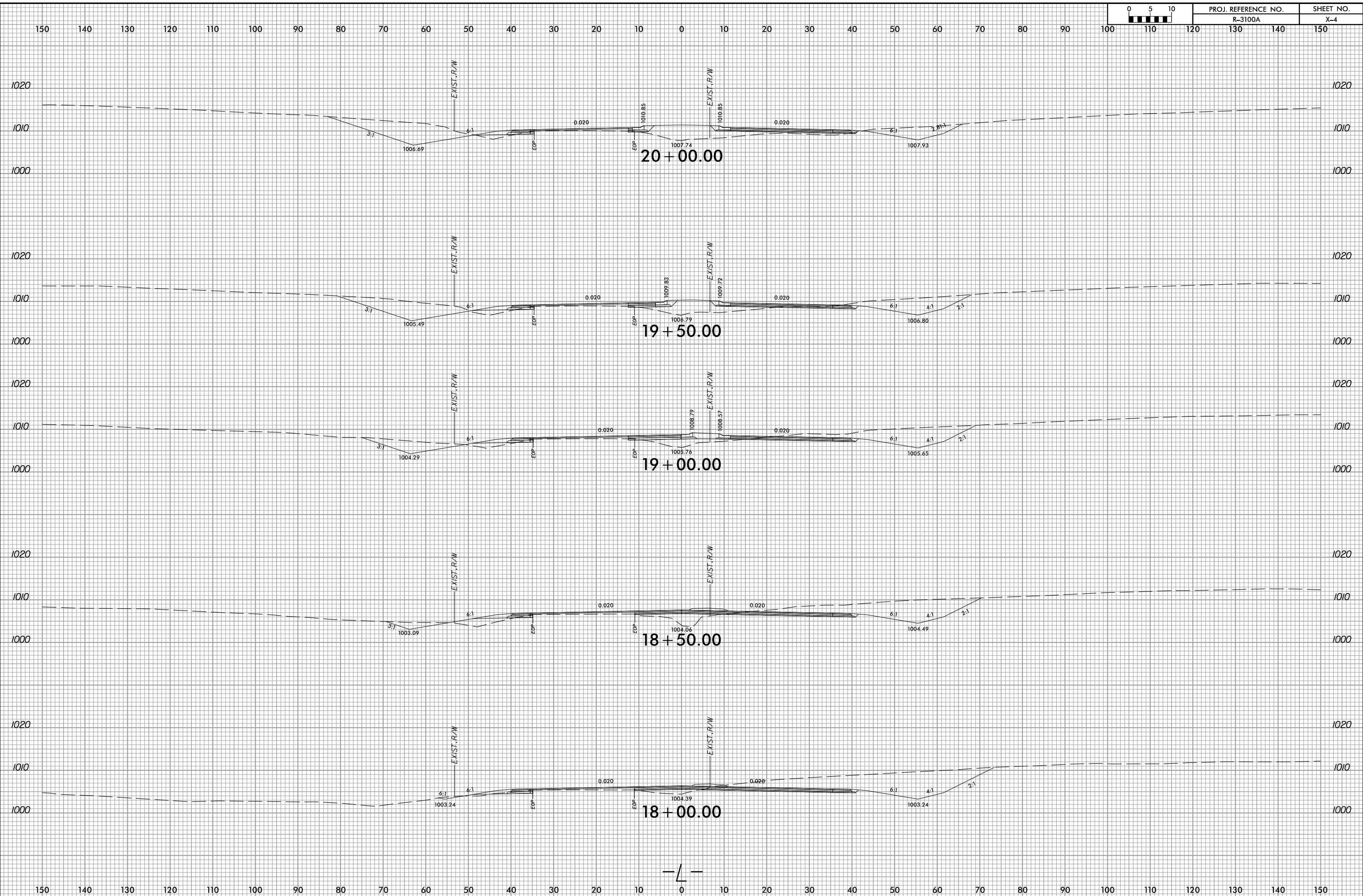
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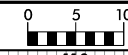


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SHEET NO.  
X-4



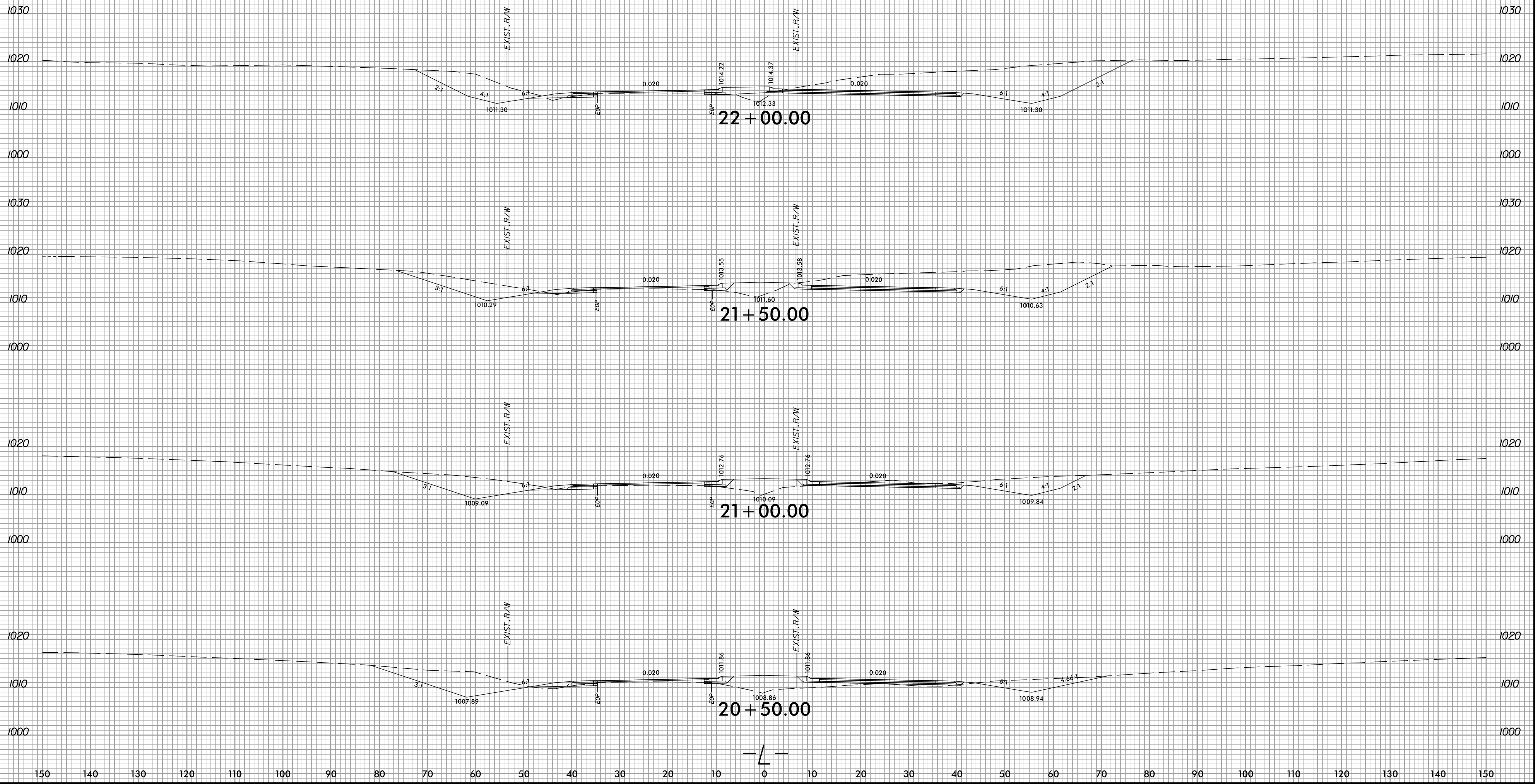
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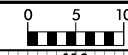
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SHEET NO.  
X-5

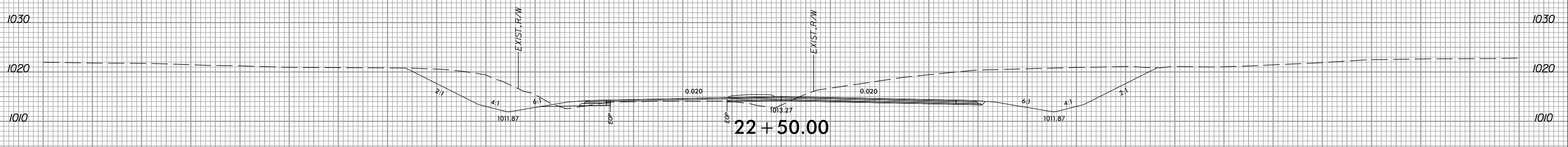
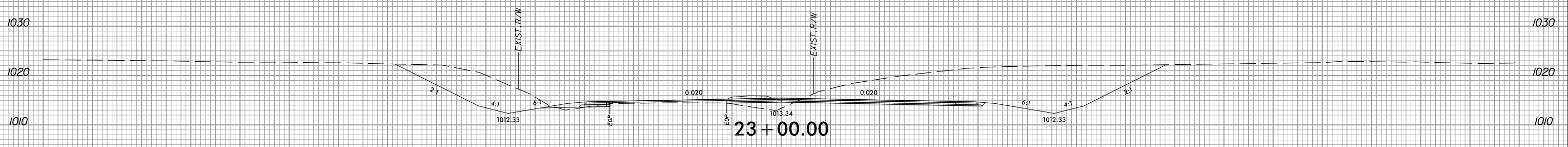
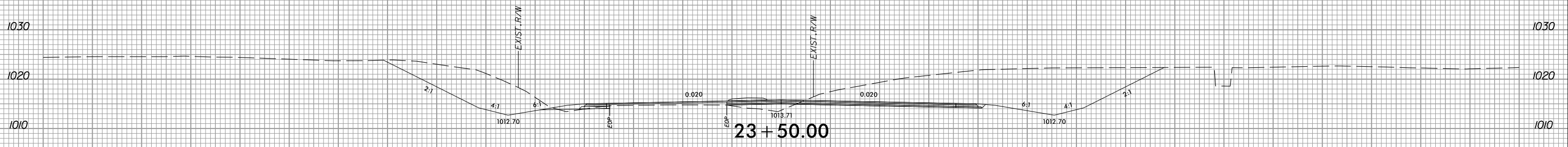
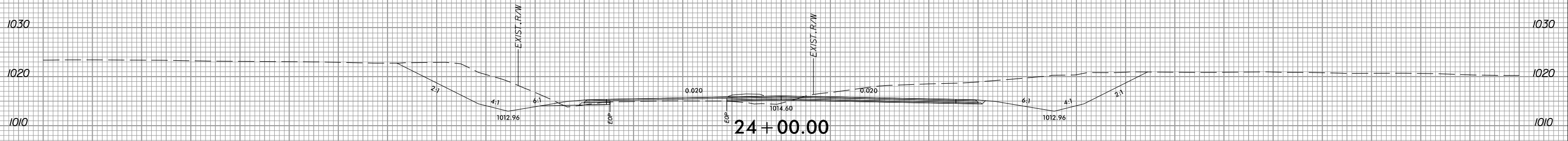
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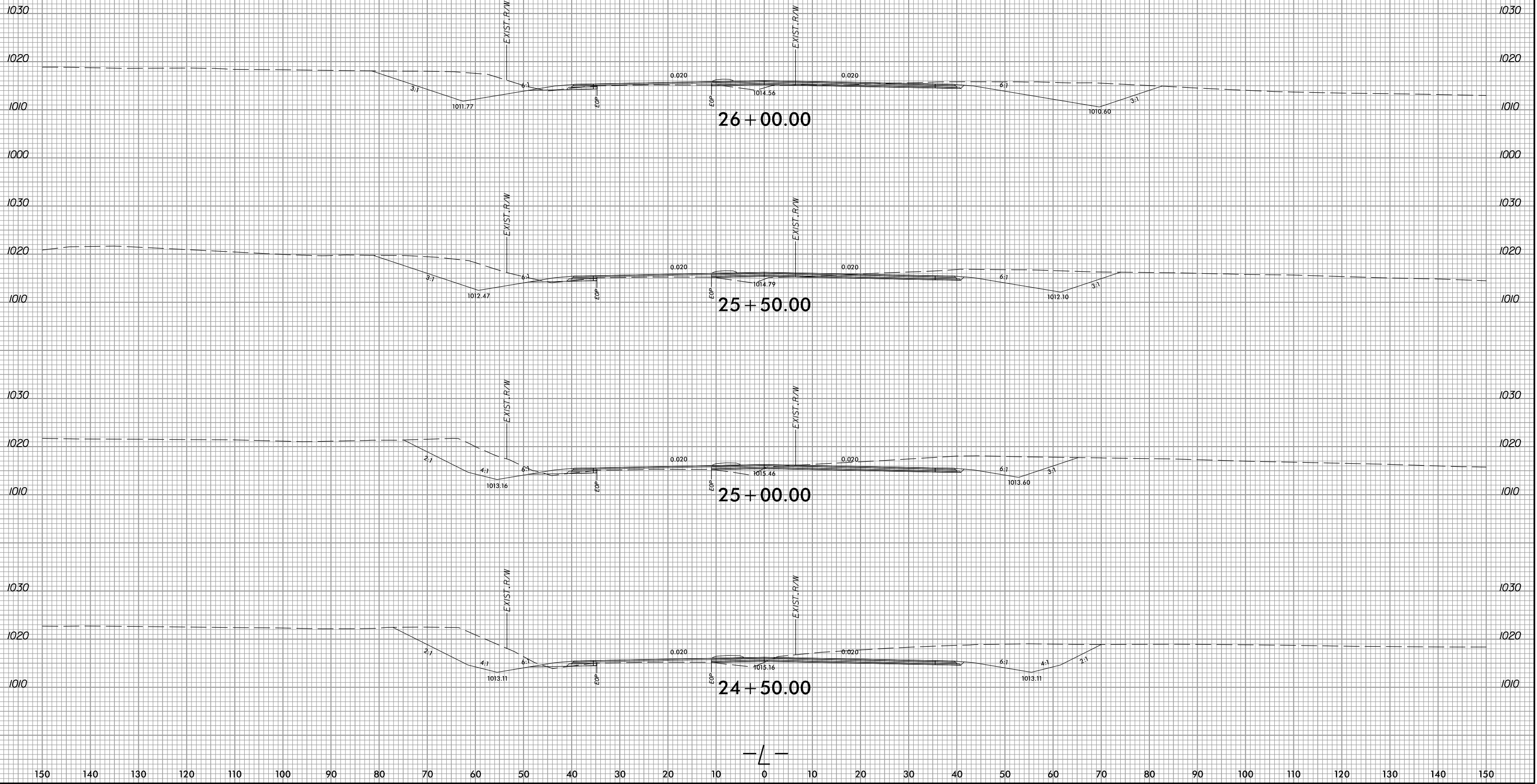
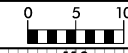


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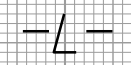


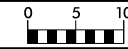
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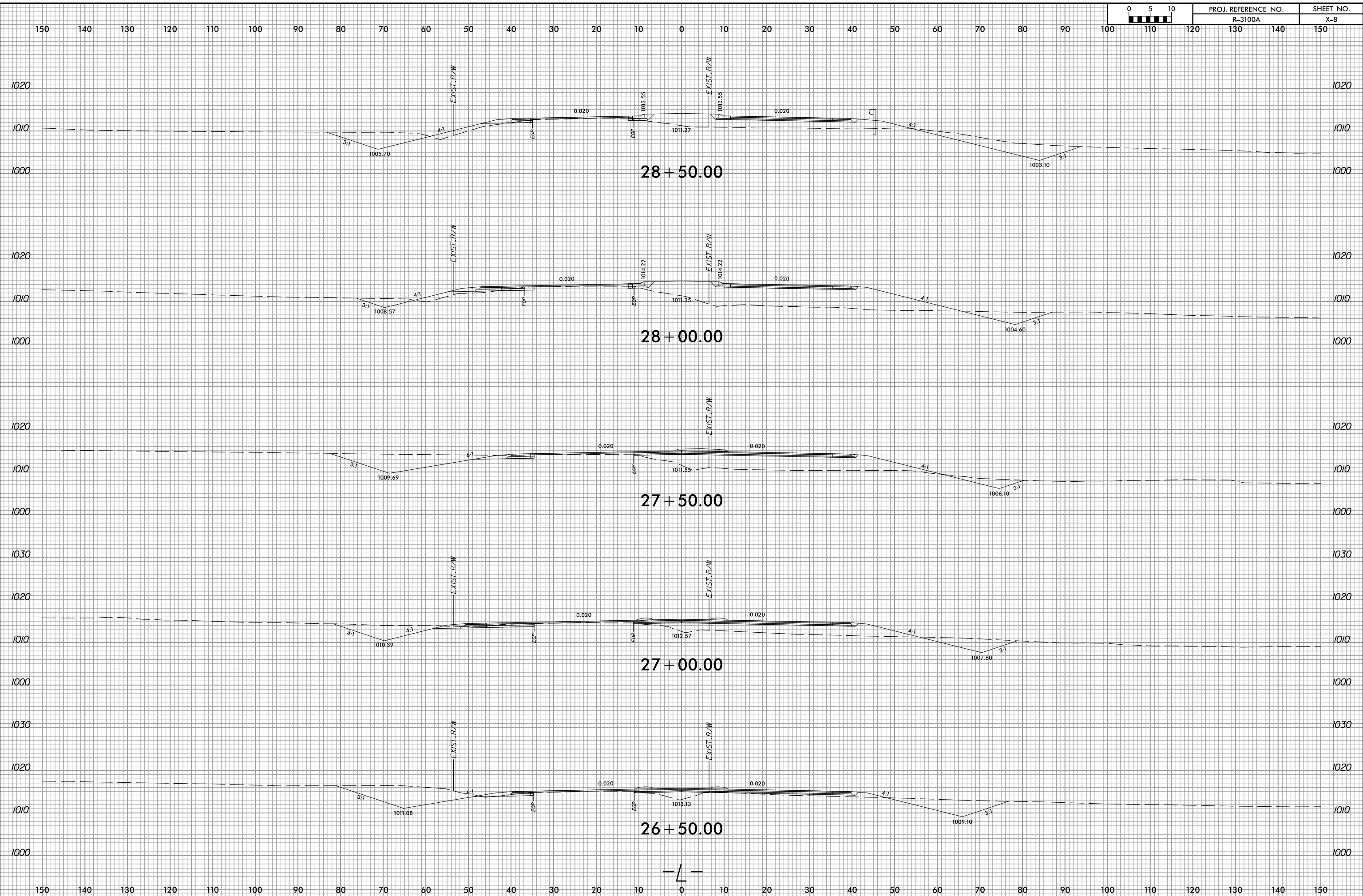
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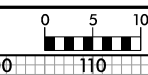


PROJ. REFERENCE NO.  
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SHEET NO.  
X-8

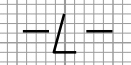
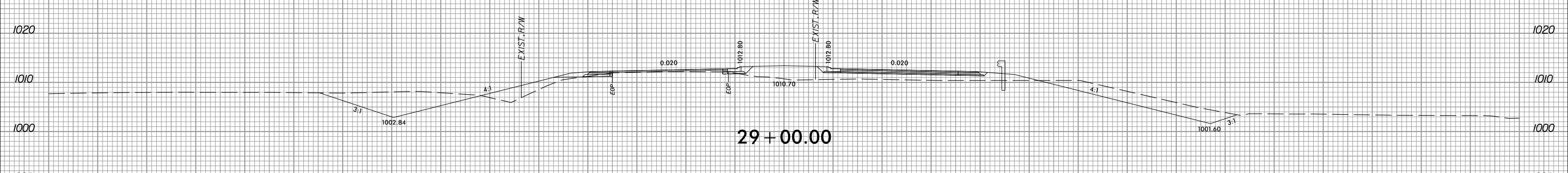
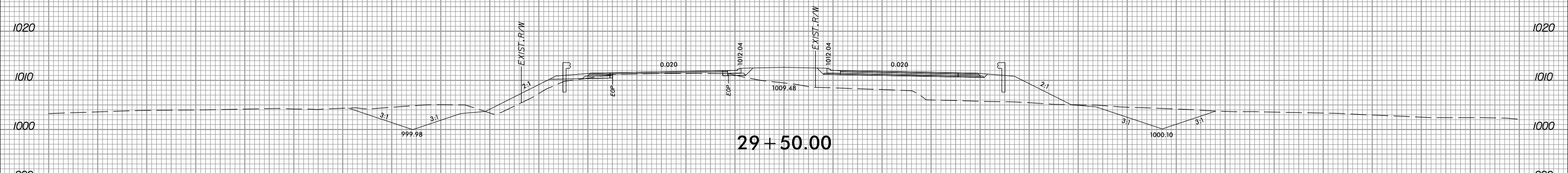
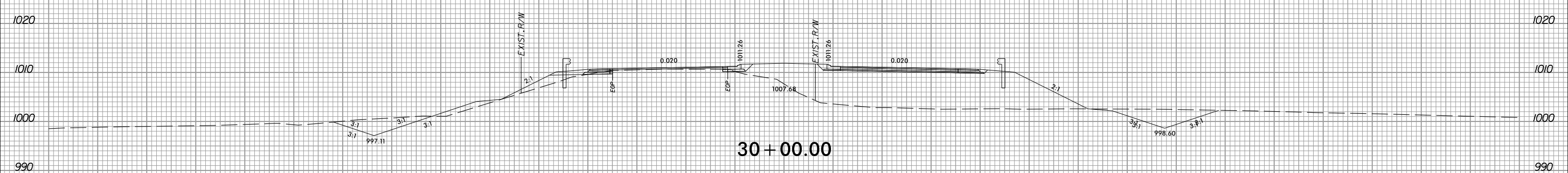
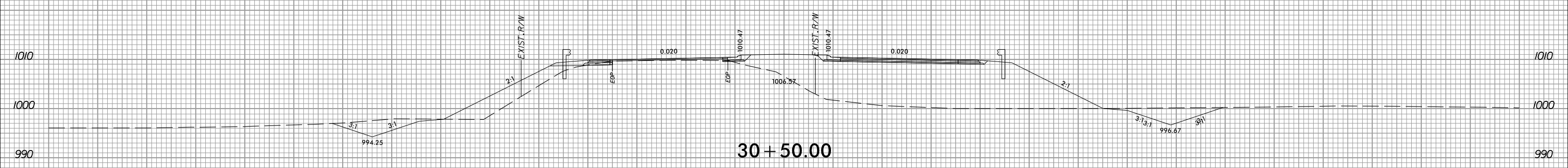


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PROJ. REFERENCE NO.	SHEET NO.
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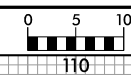


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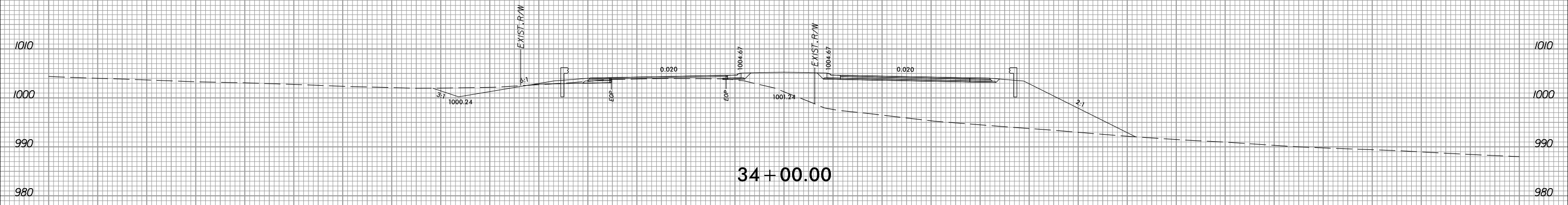
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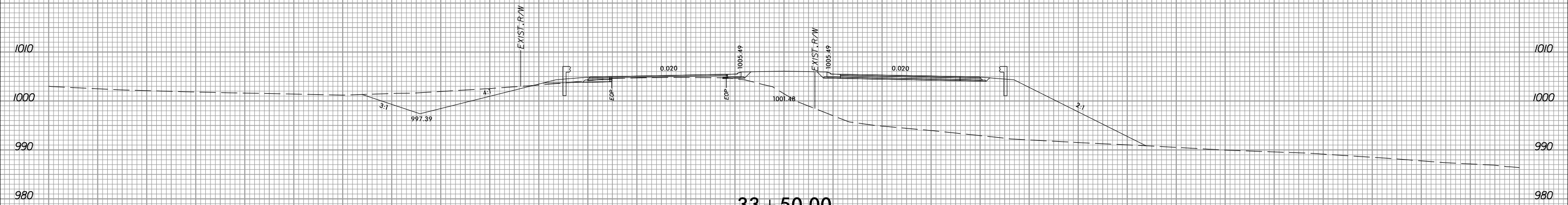




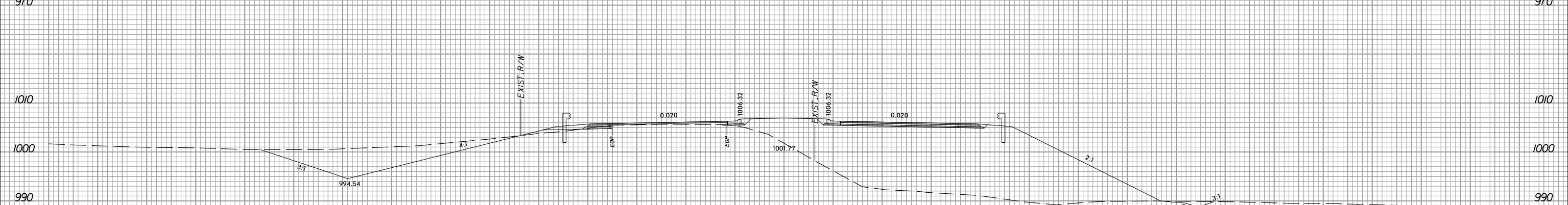
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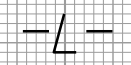
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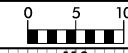
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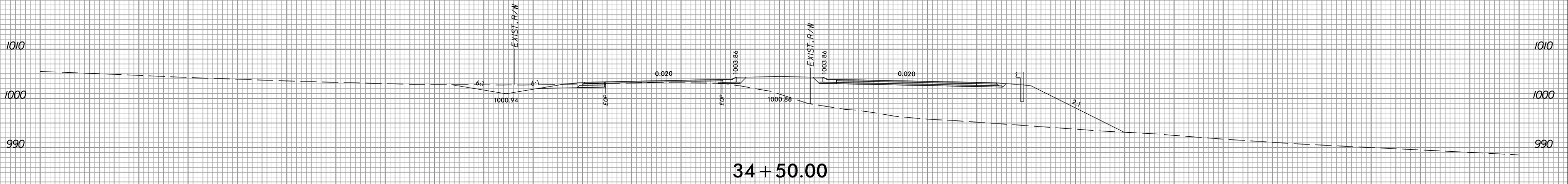
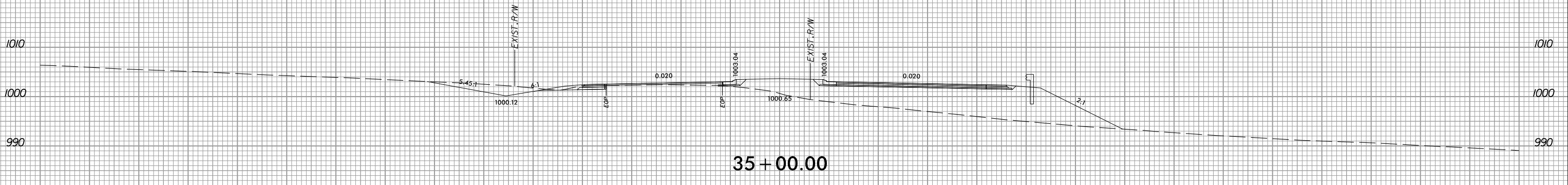
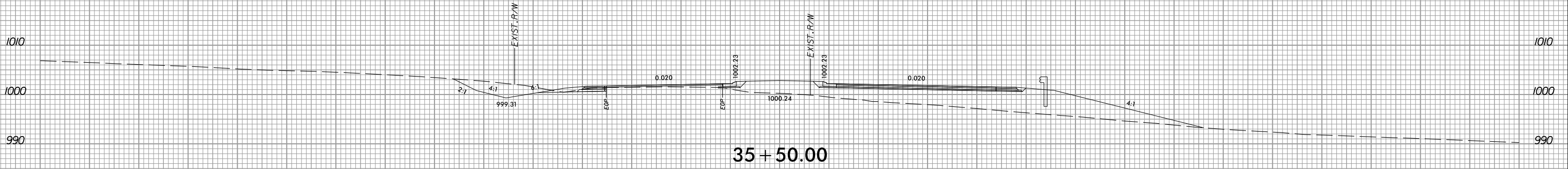
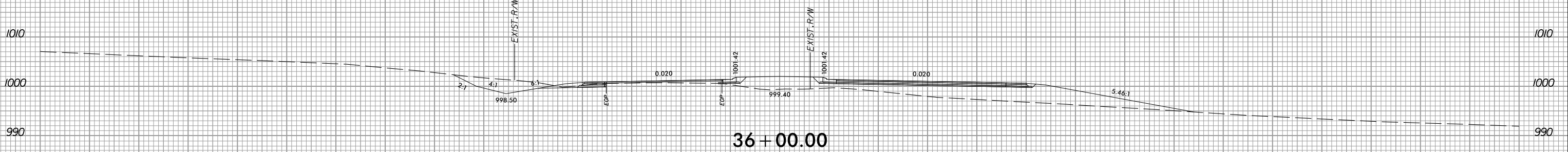
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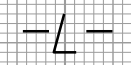
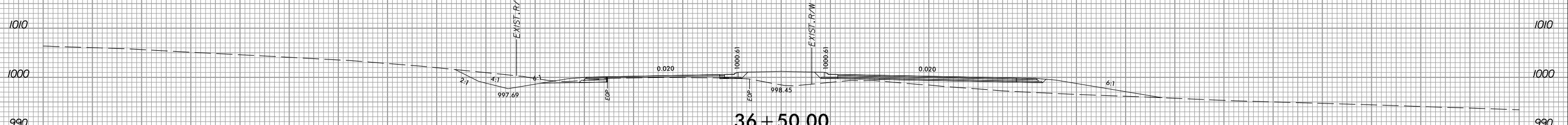
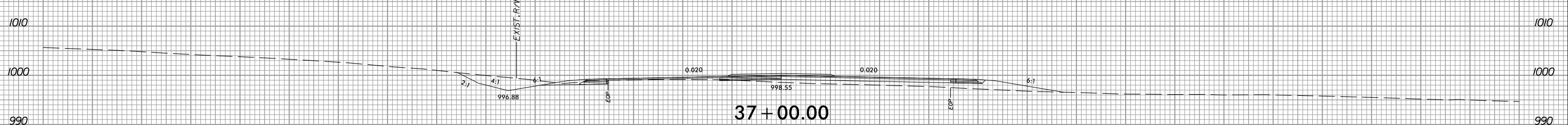
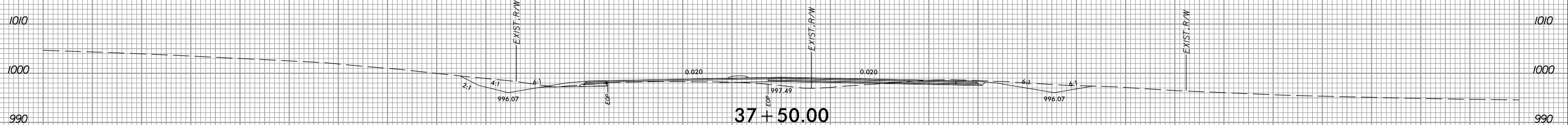
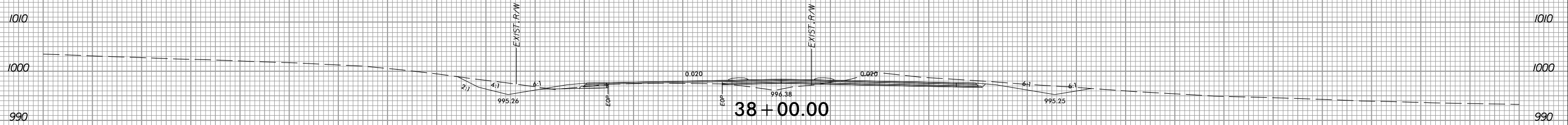
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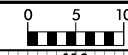
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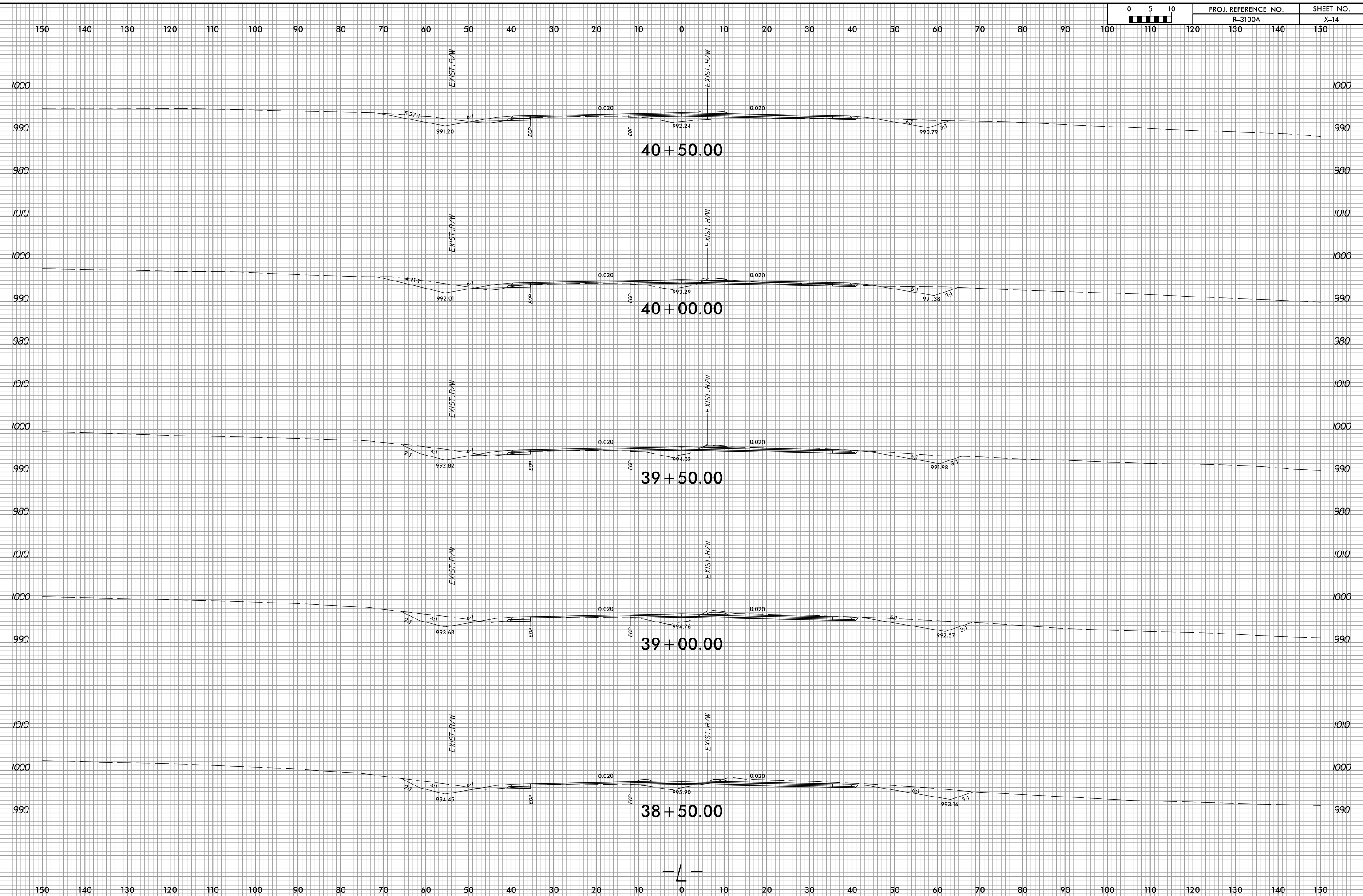
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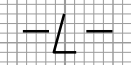


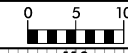
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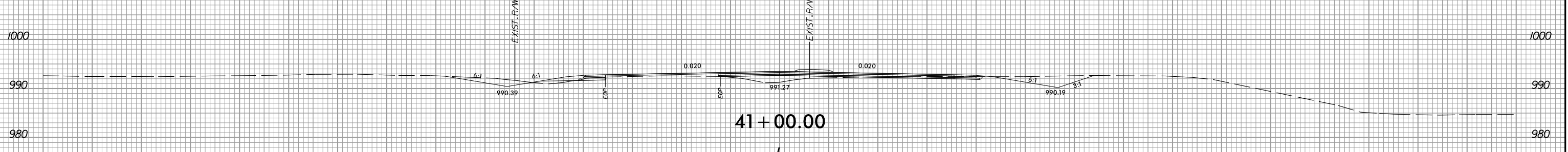
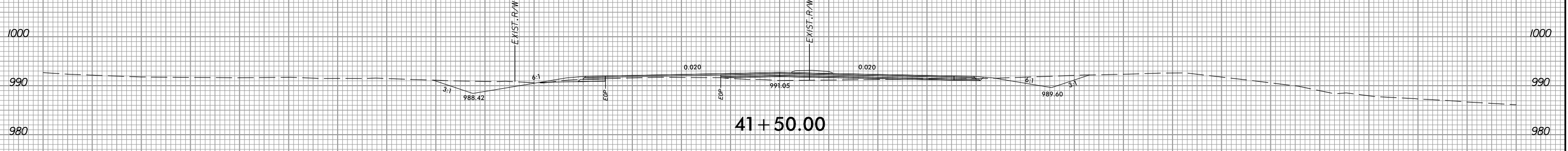
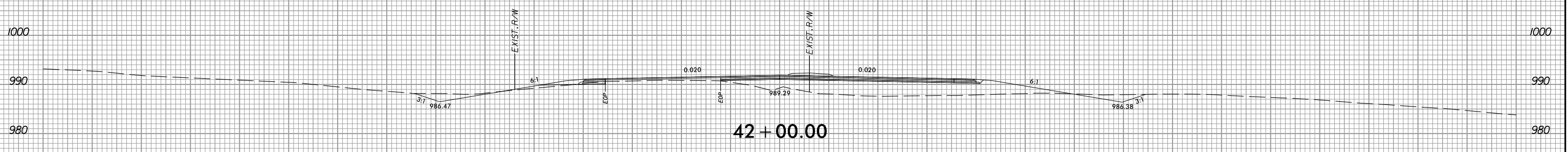
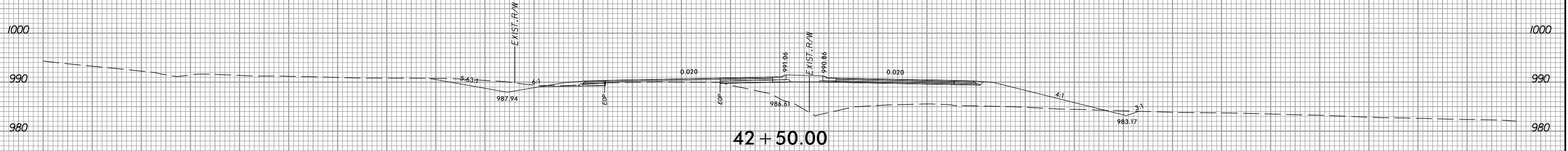
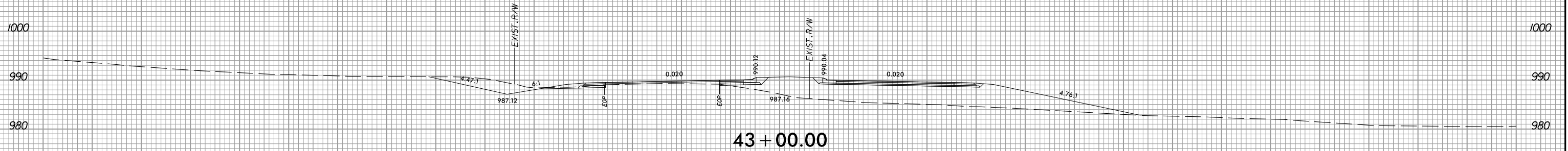




PROJ. REFERENCE NO.  
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SHEET NO.  
X-15

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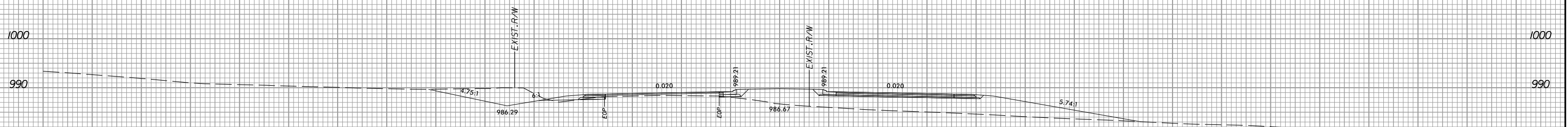
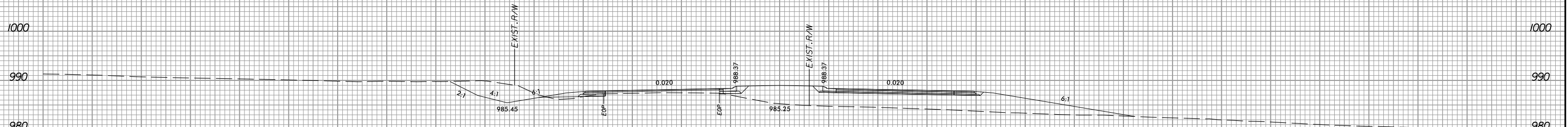
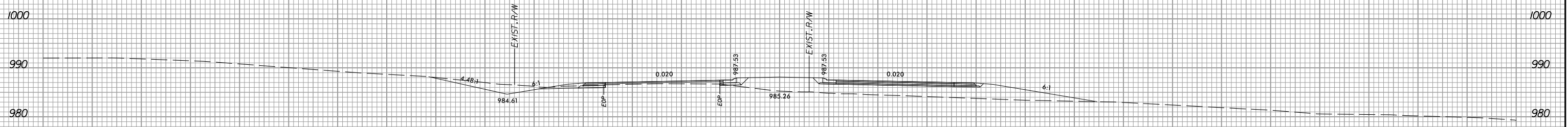
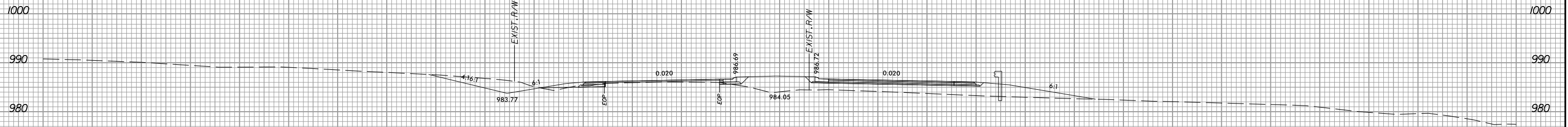
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PROJ. REFERENCE NO.  
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SHEET NO.  
X-16

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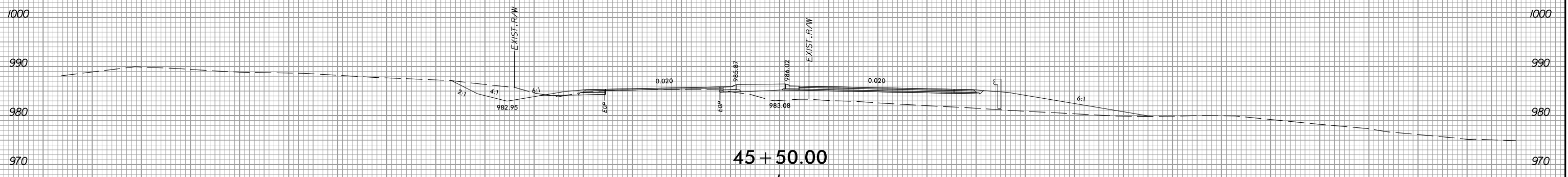
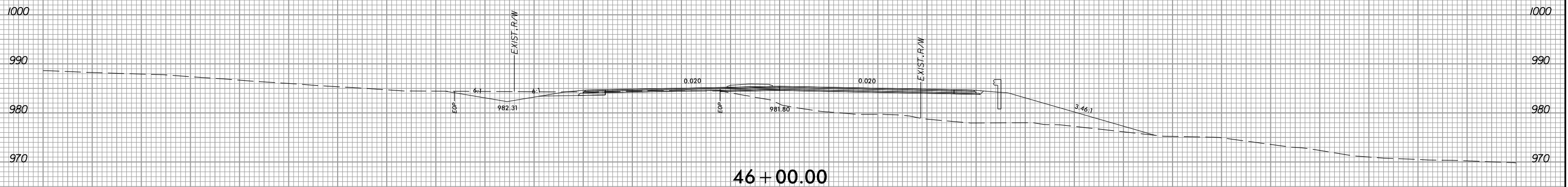
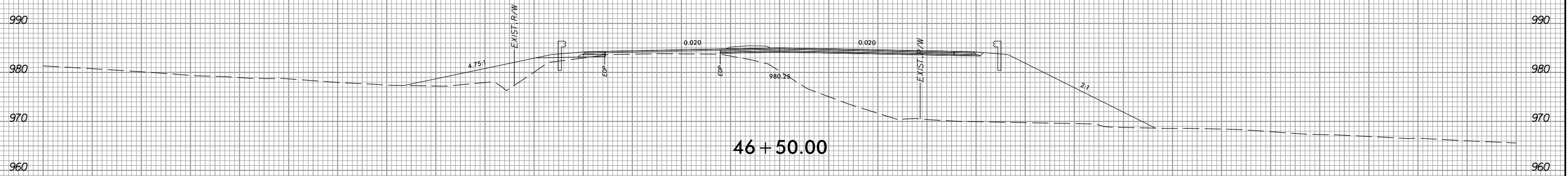
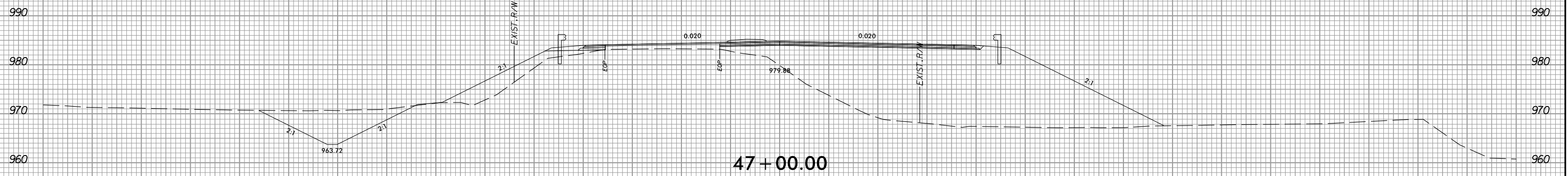
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SHEET NO.  
X-17

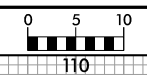
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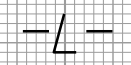
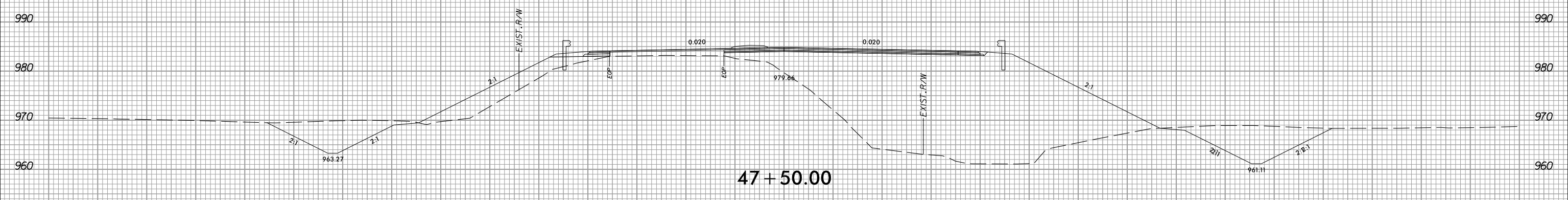
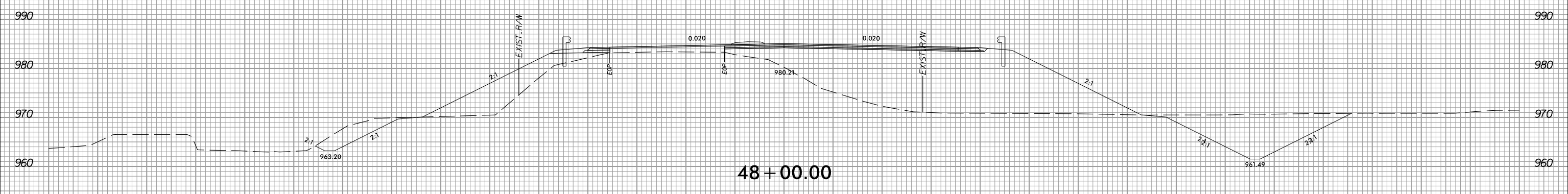
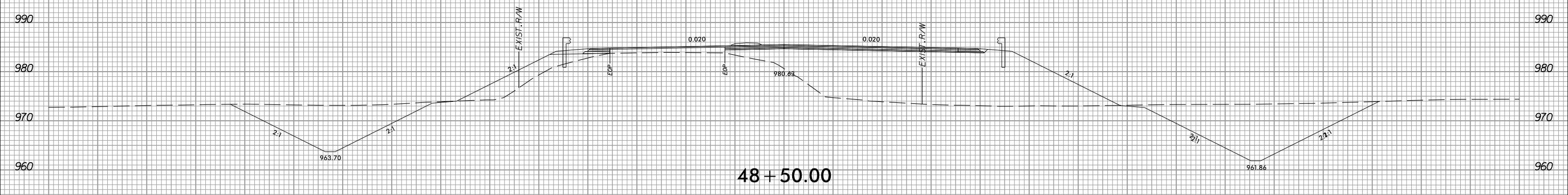
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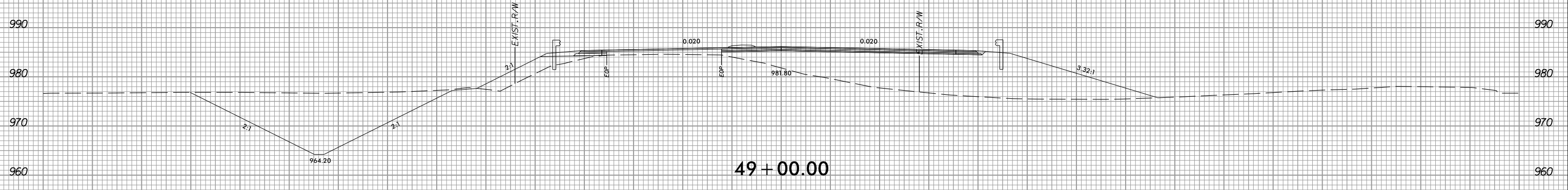
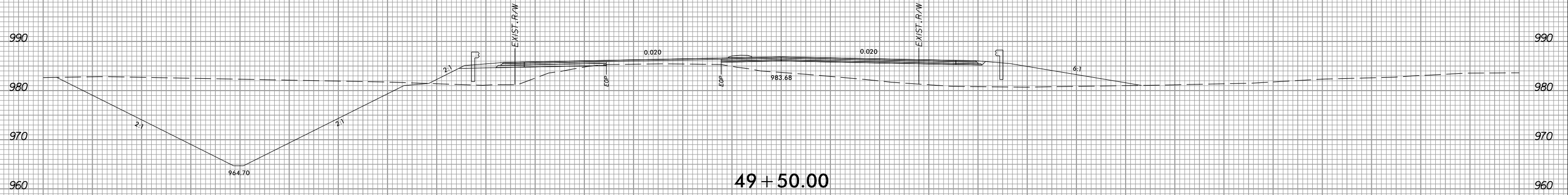
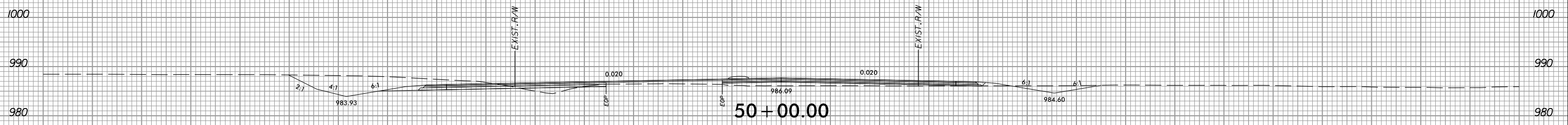
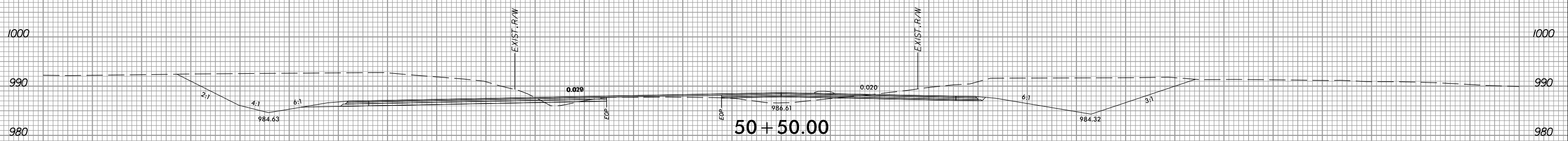
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PROJ. REFERENCE NO.  
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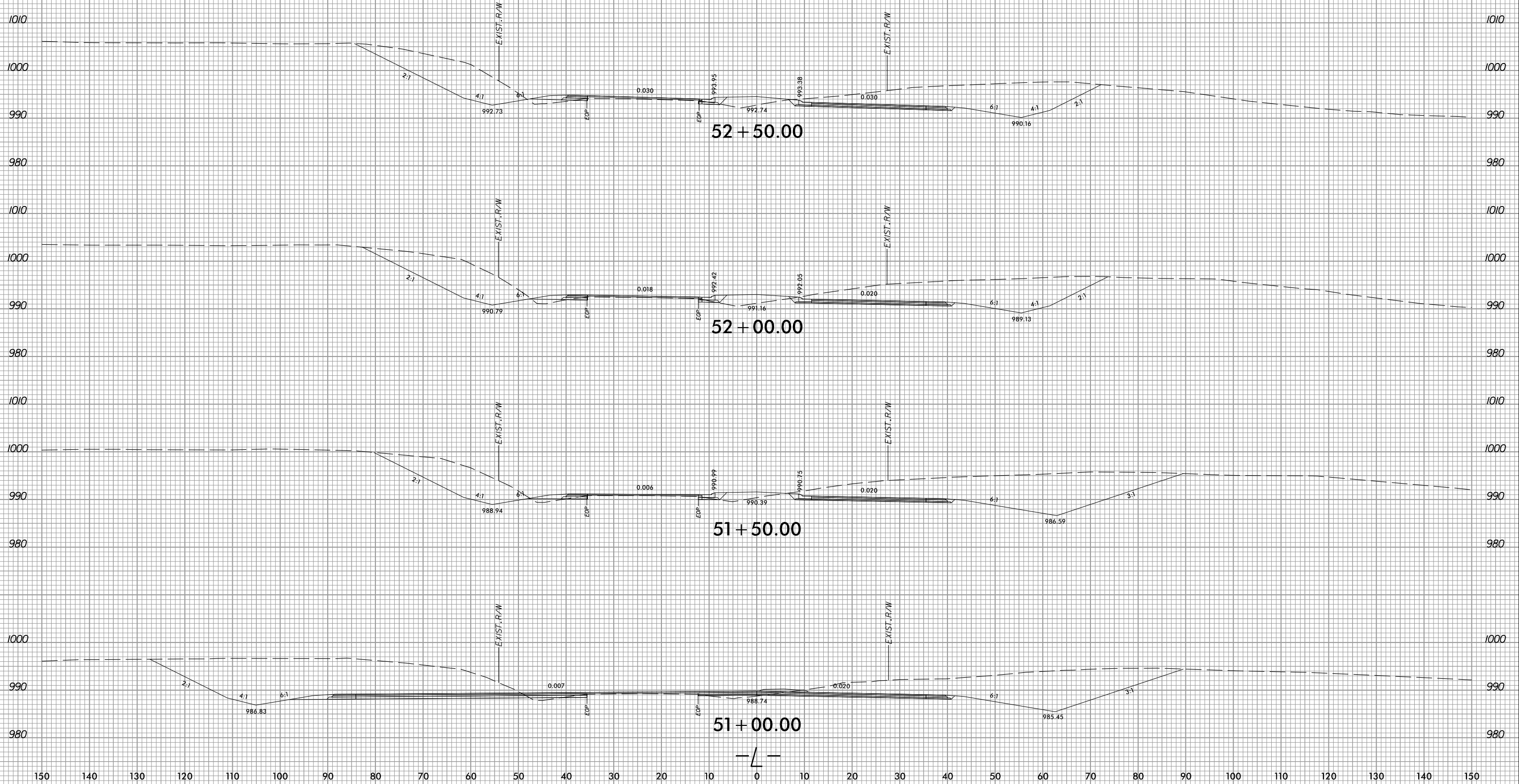
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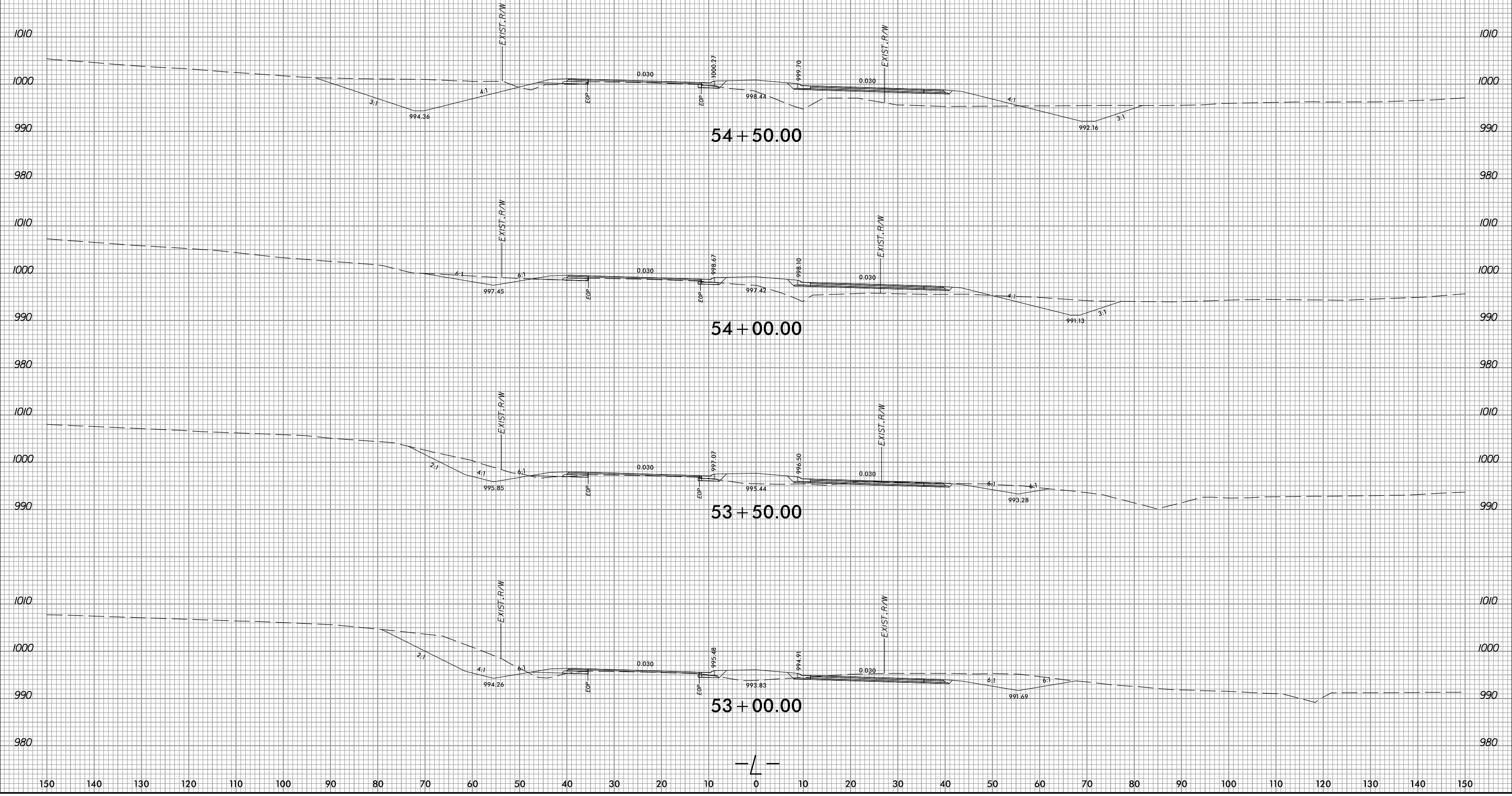
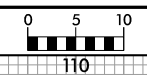
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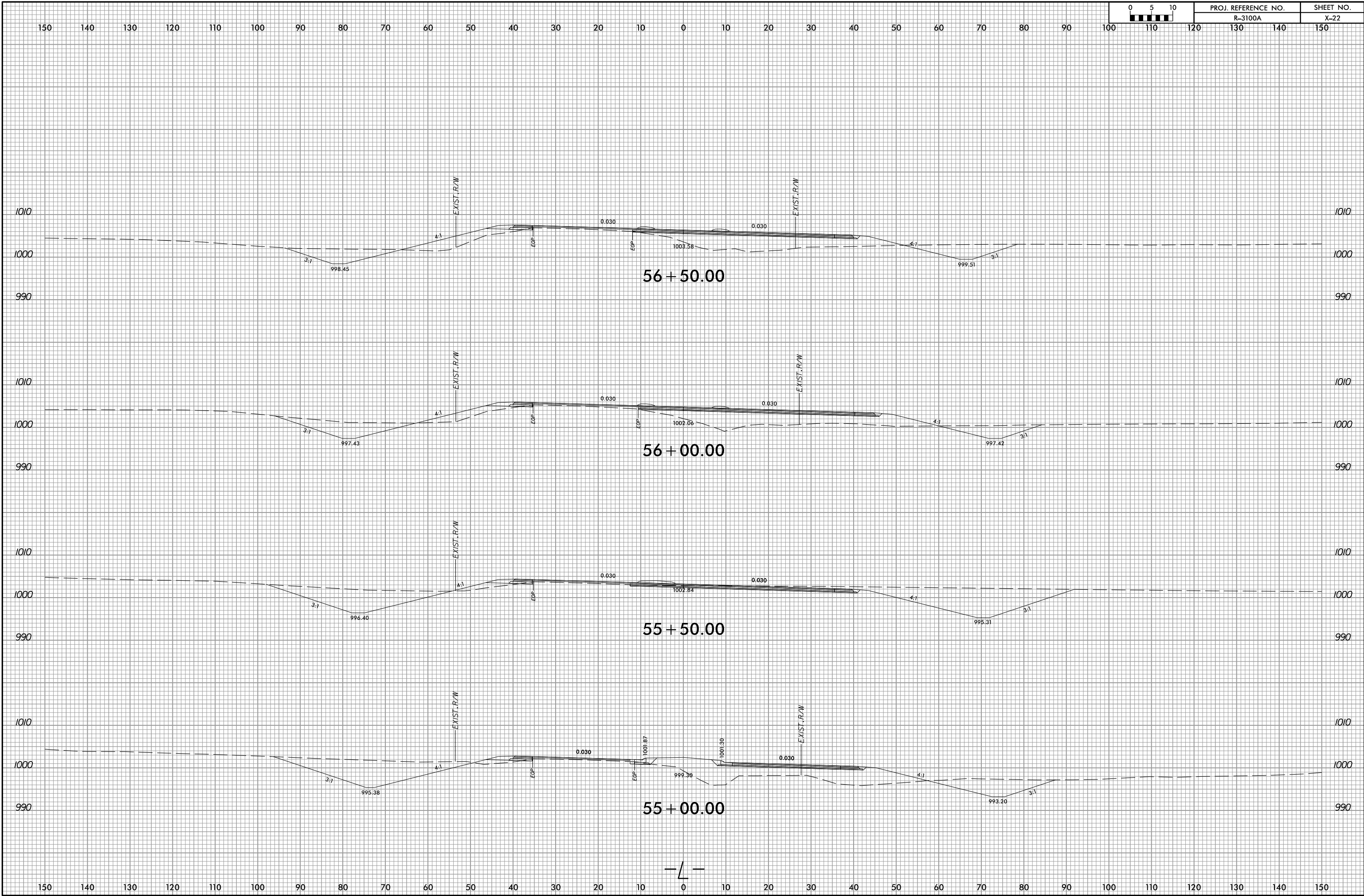
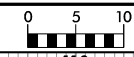
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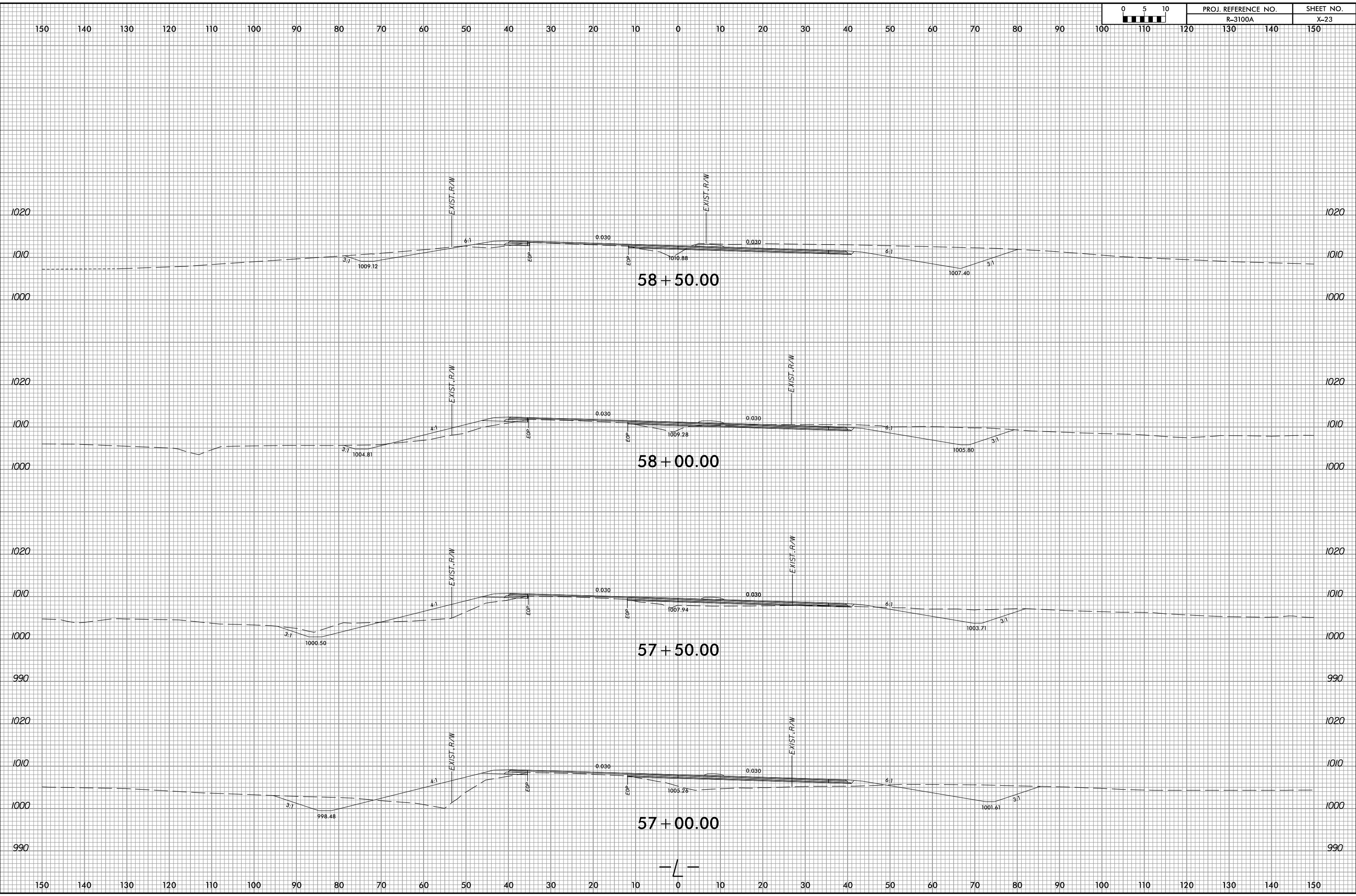
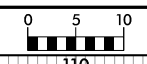




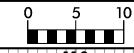
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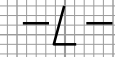
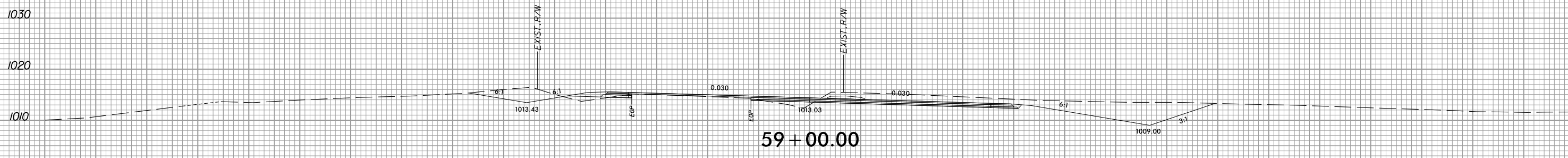
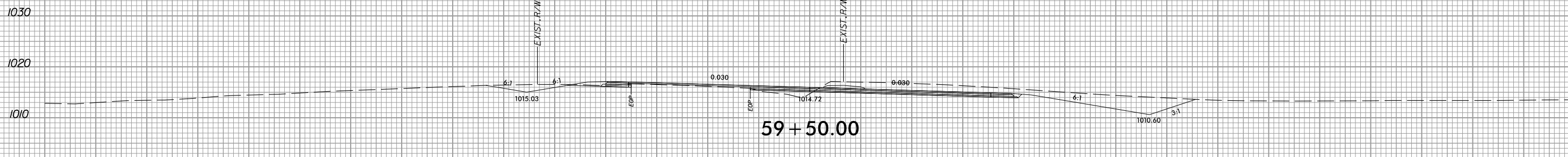
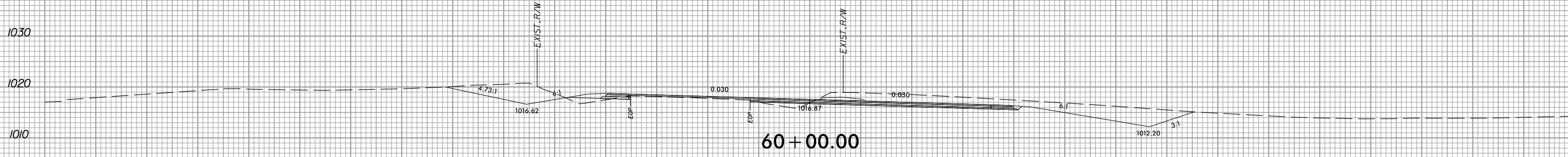
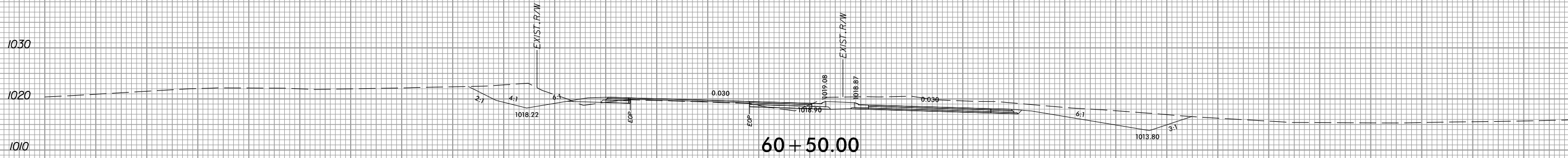
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PROJ. REFERENCE NO.  
R-3100A

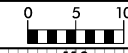
SHEET NO.  
X-24

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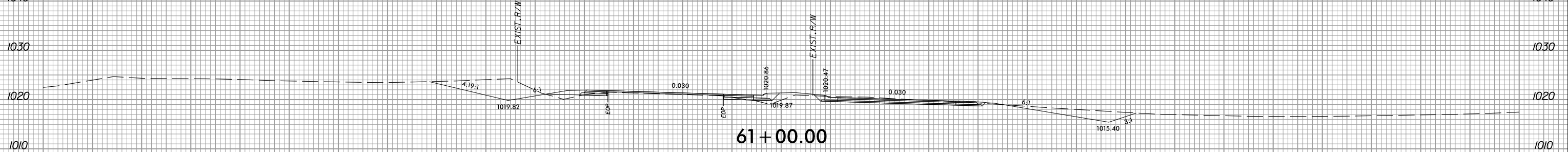
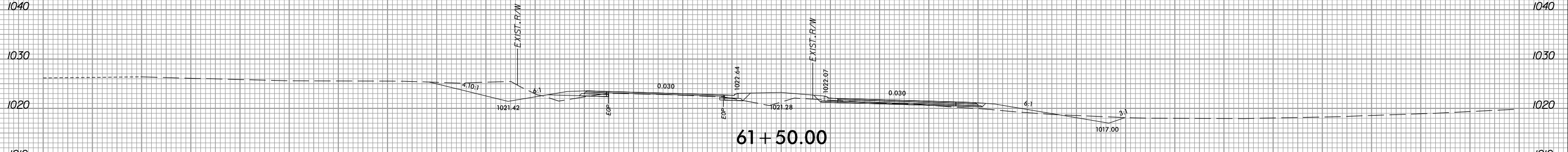
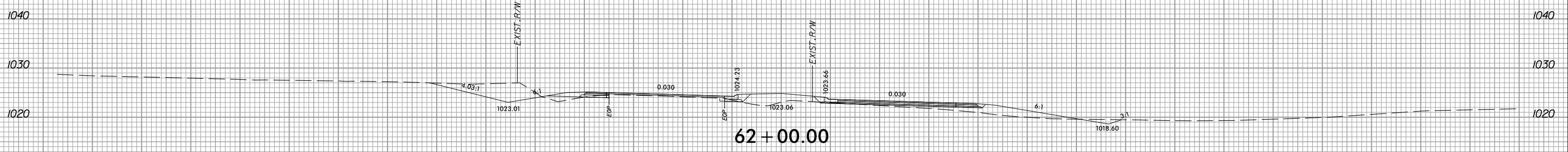
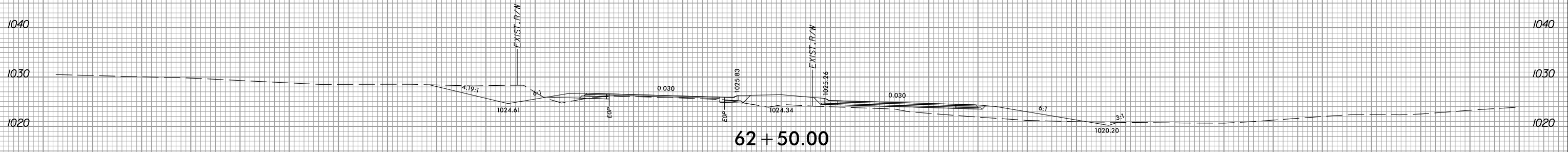


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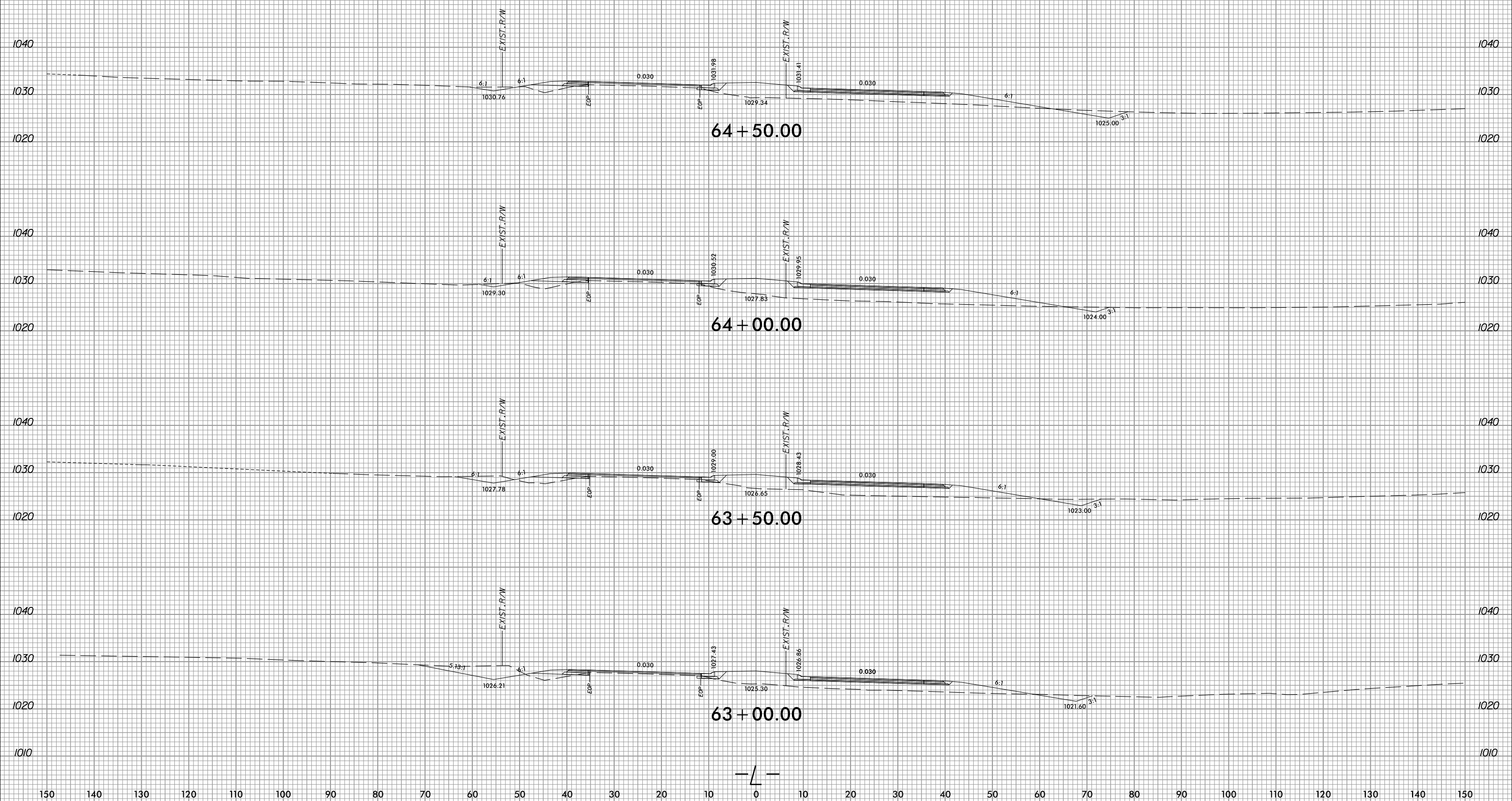
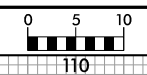
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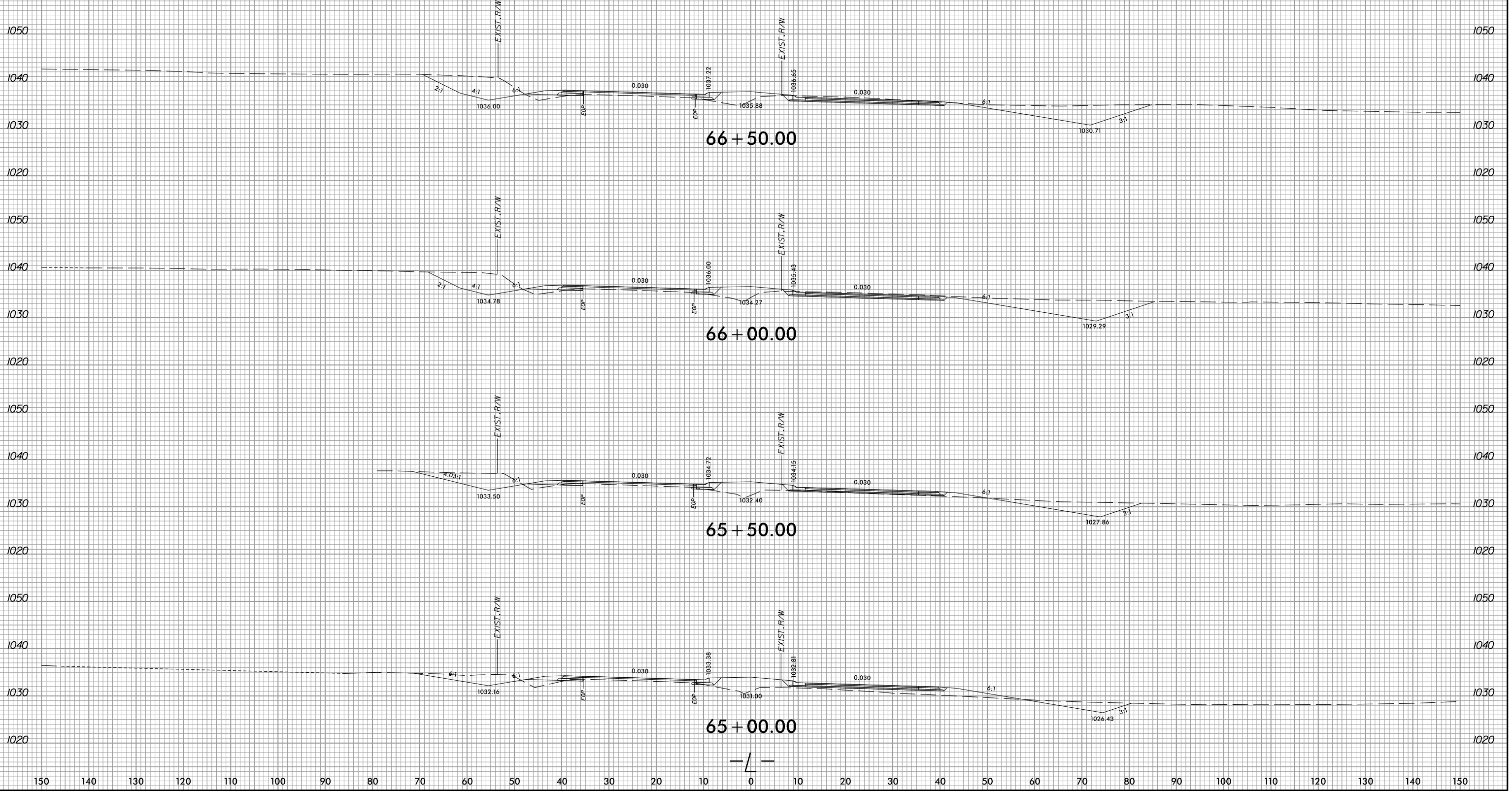
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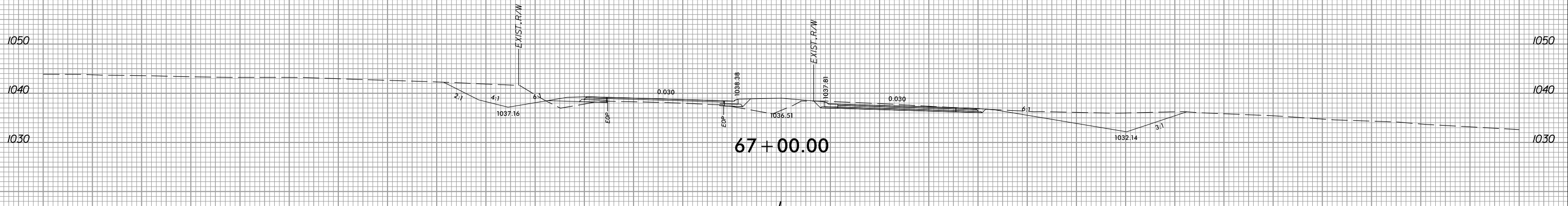
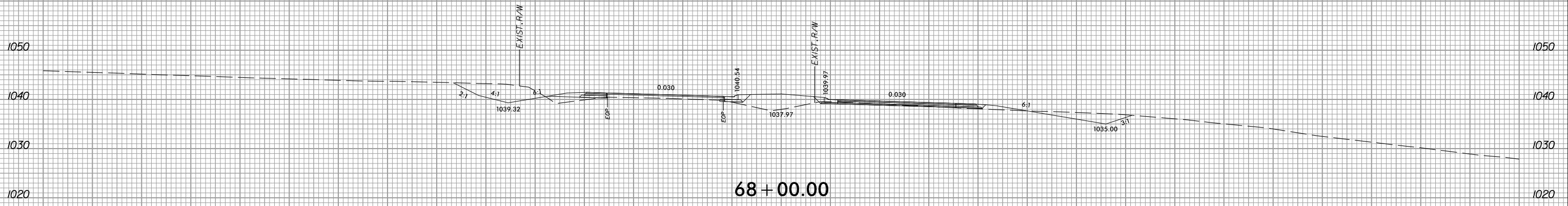
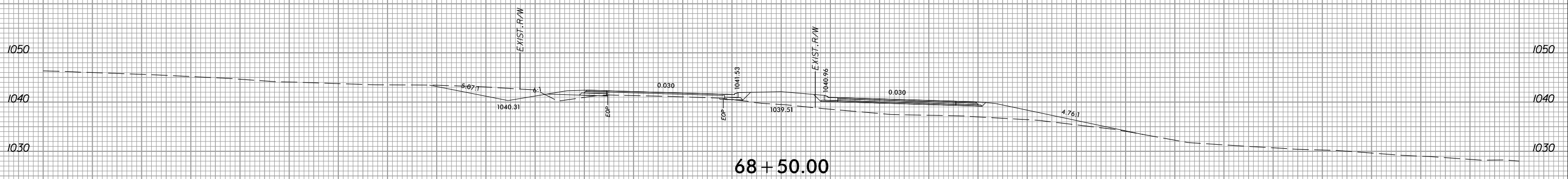
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 5/20/2017  
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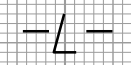
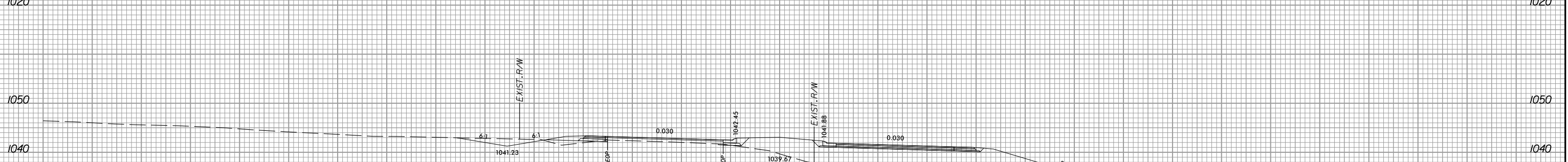
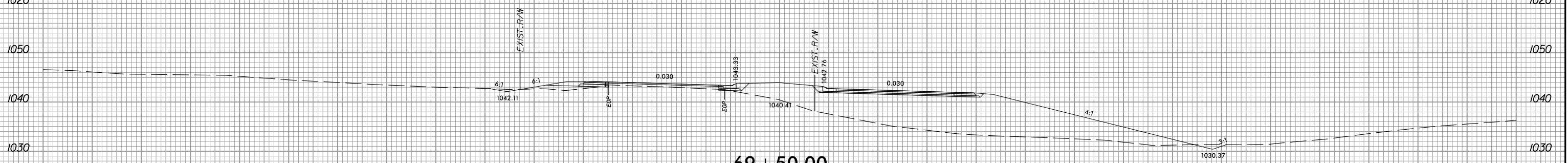
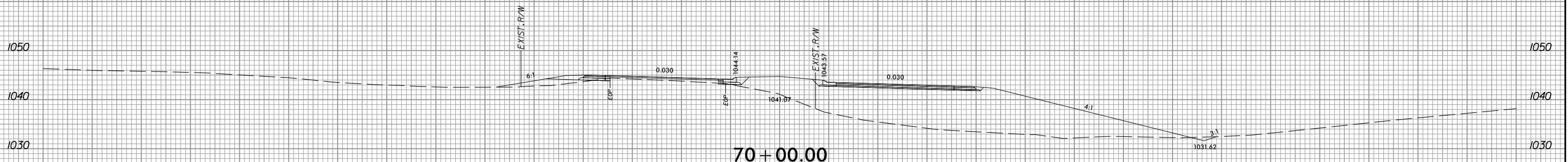
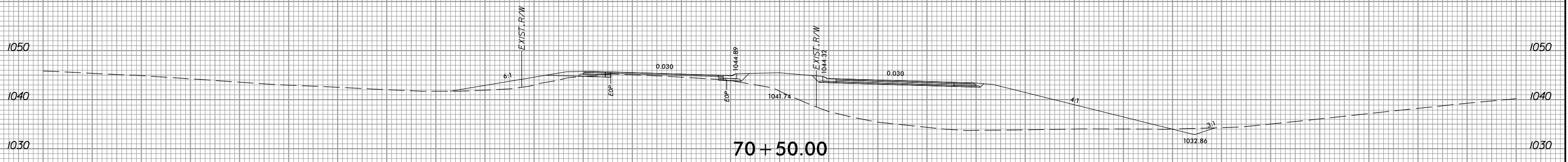
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PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-29

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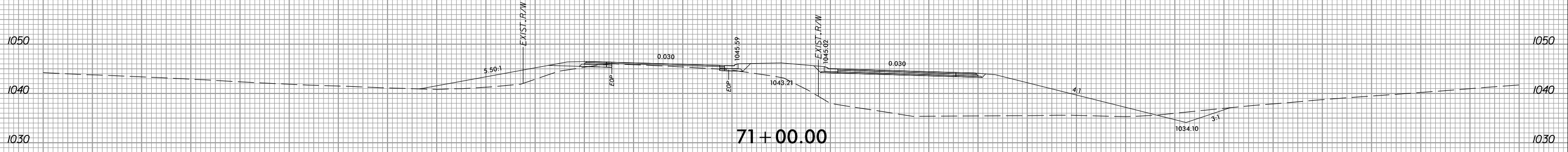
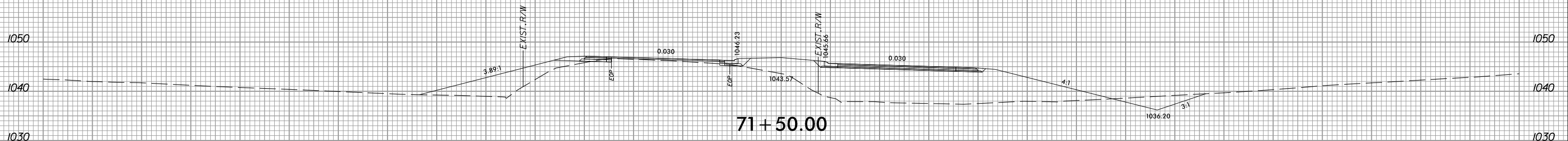
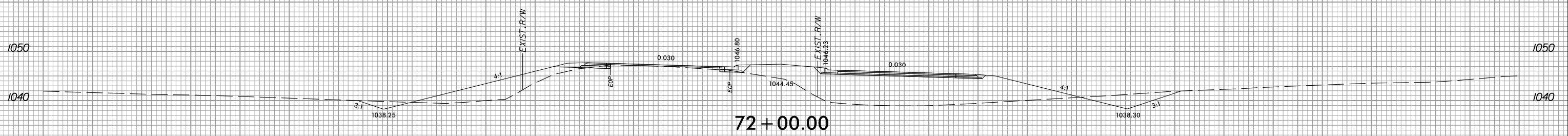
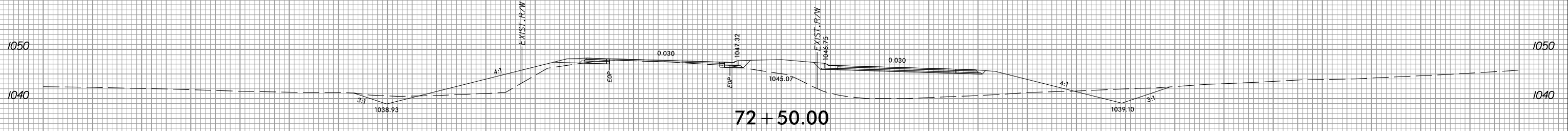
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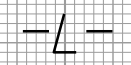
PROJ. REFERENCE NO.	SHEET NO.
R-3100A	X-30

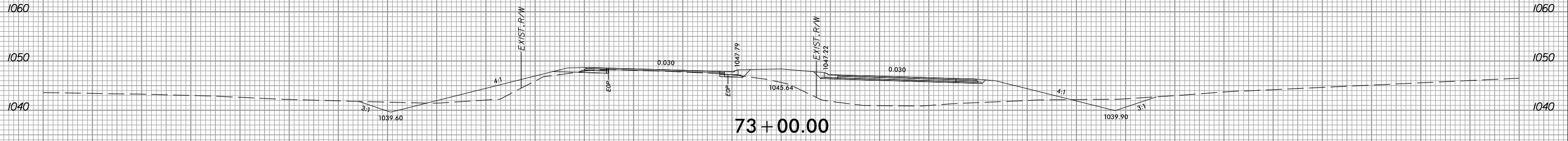
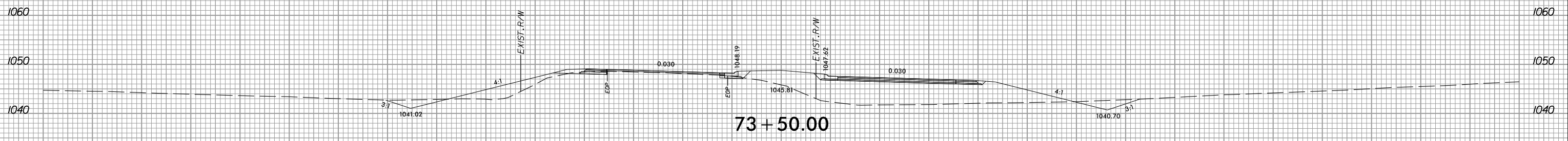
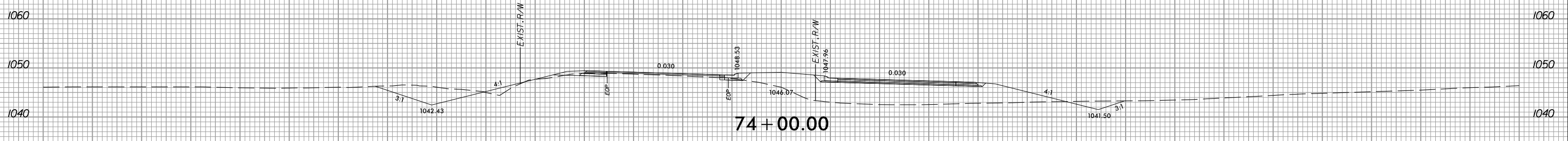
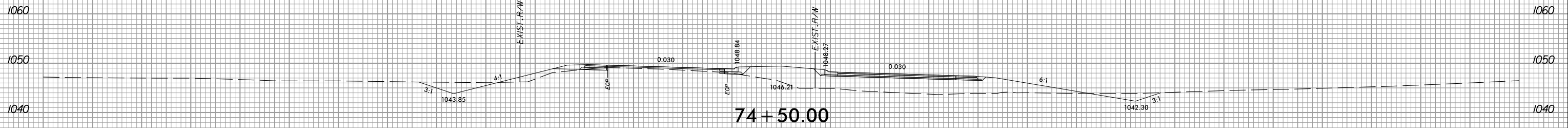
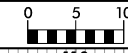
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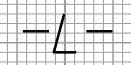
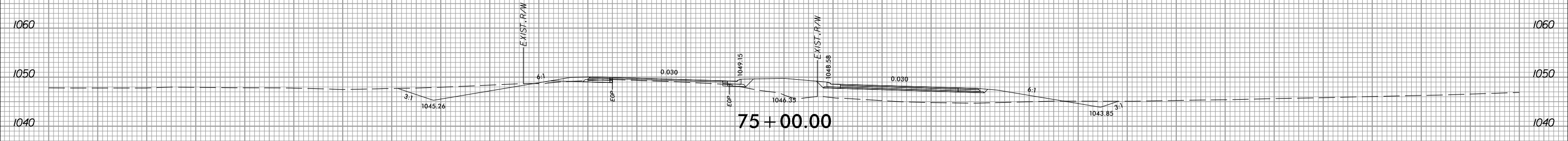
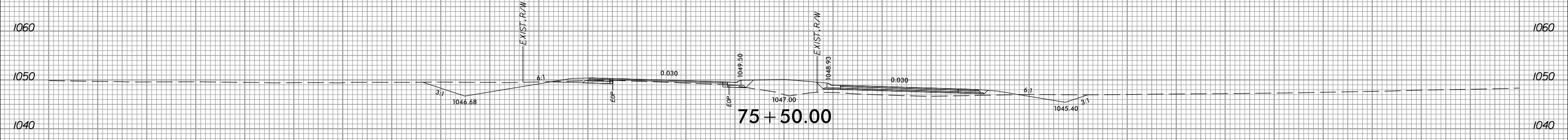
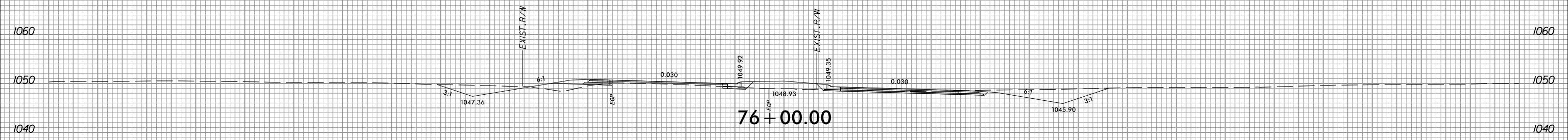
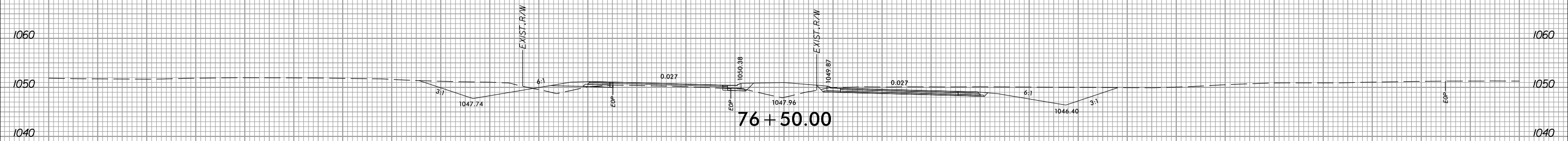
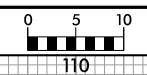
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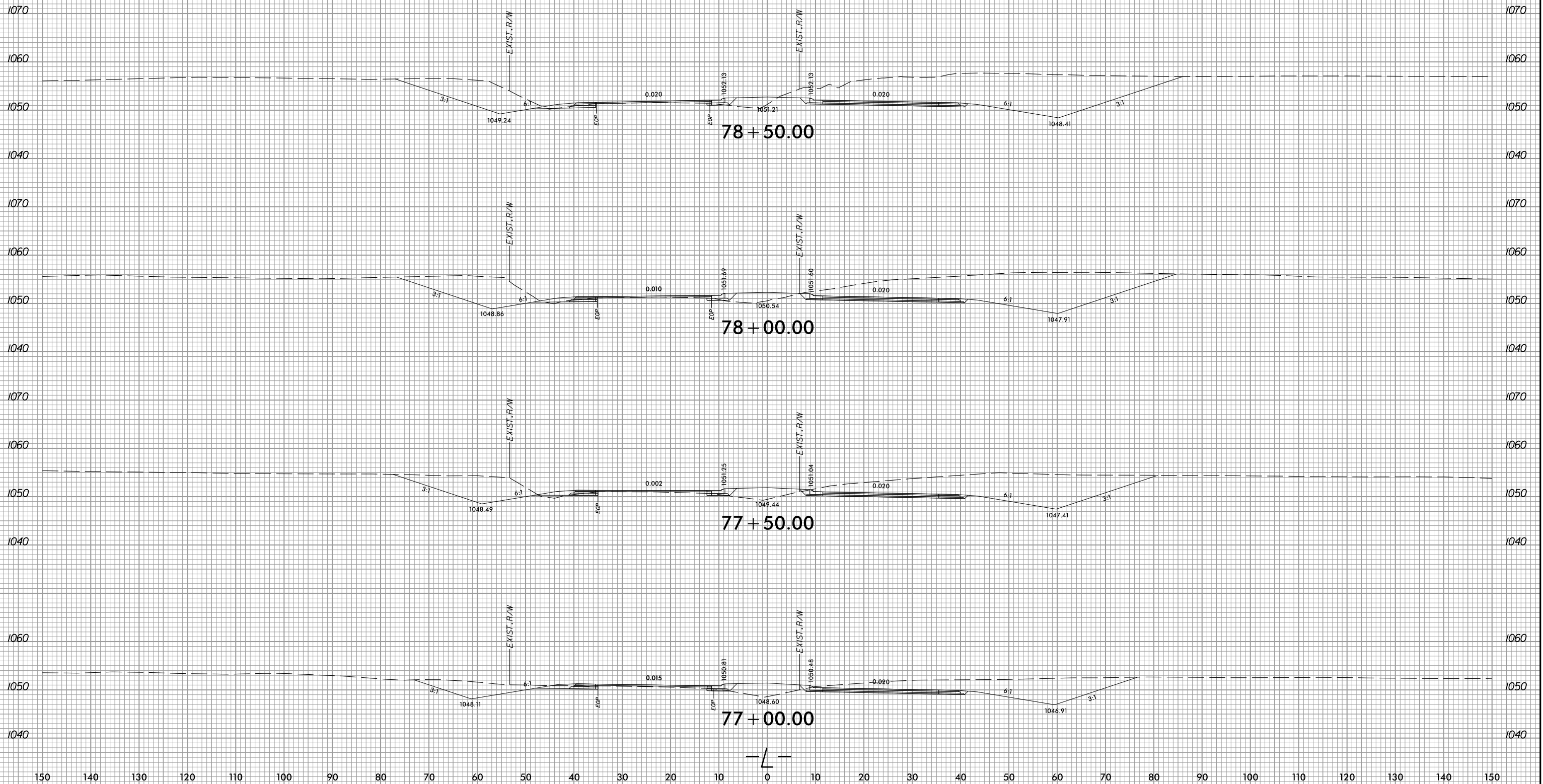




PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-33

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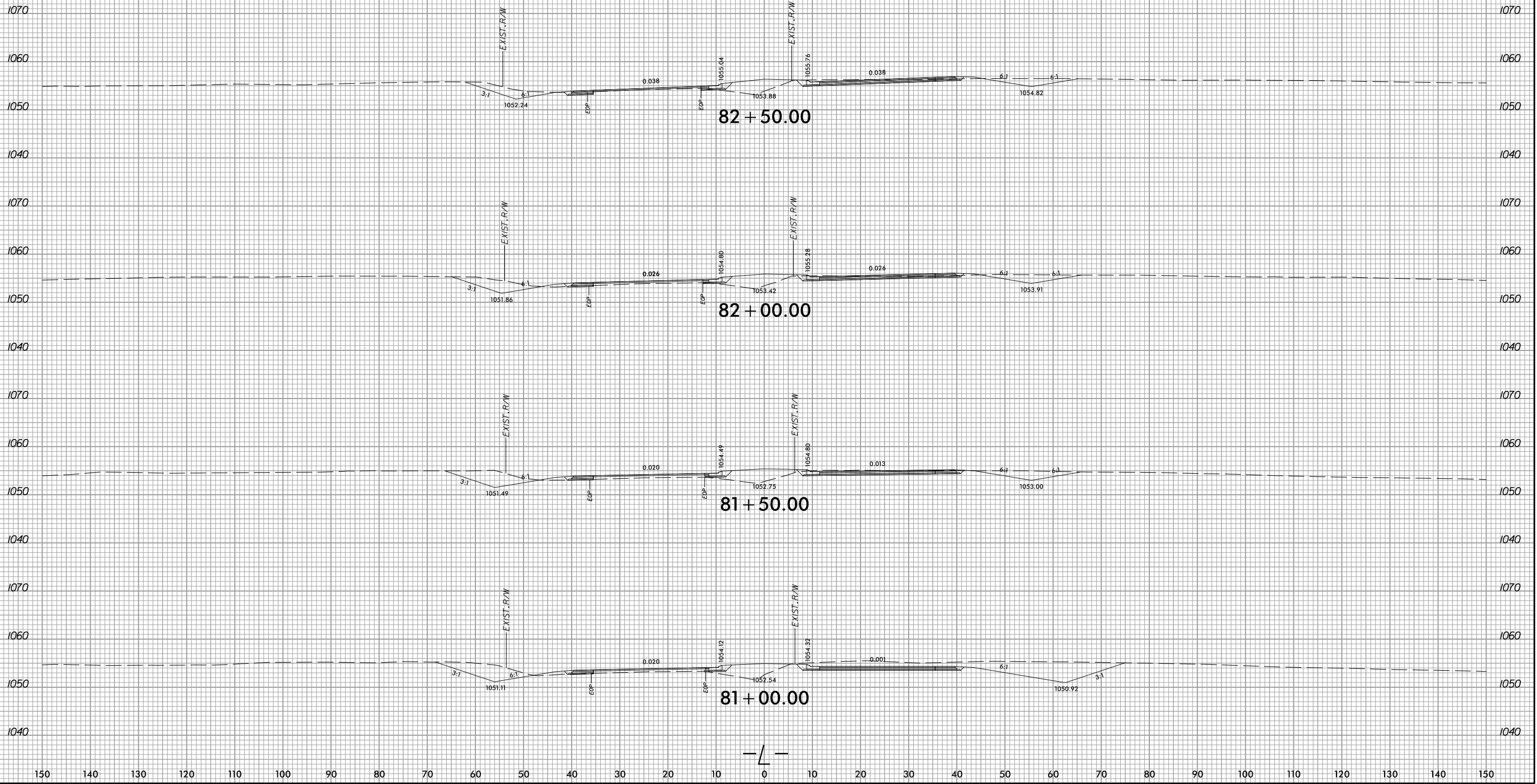




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SHEET NO.  
X-35

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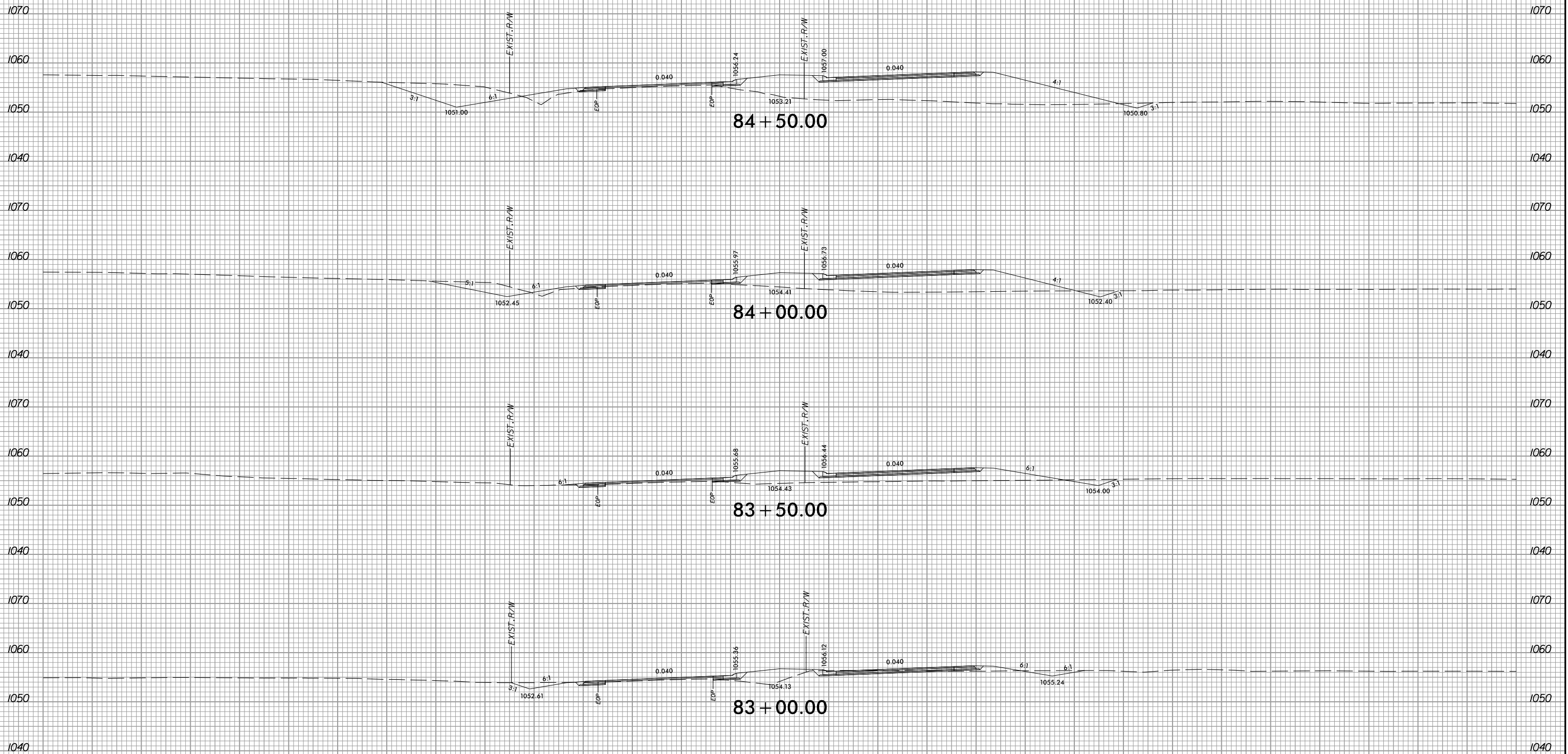
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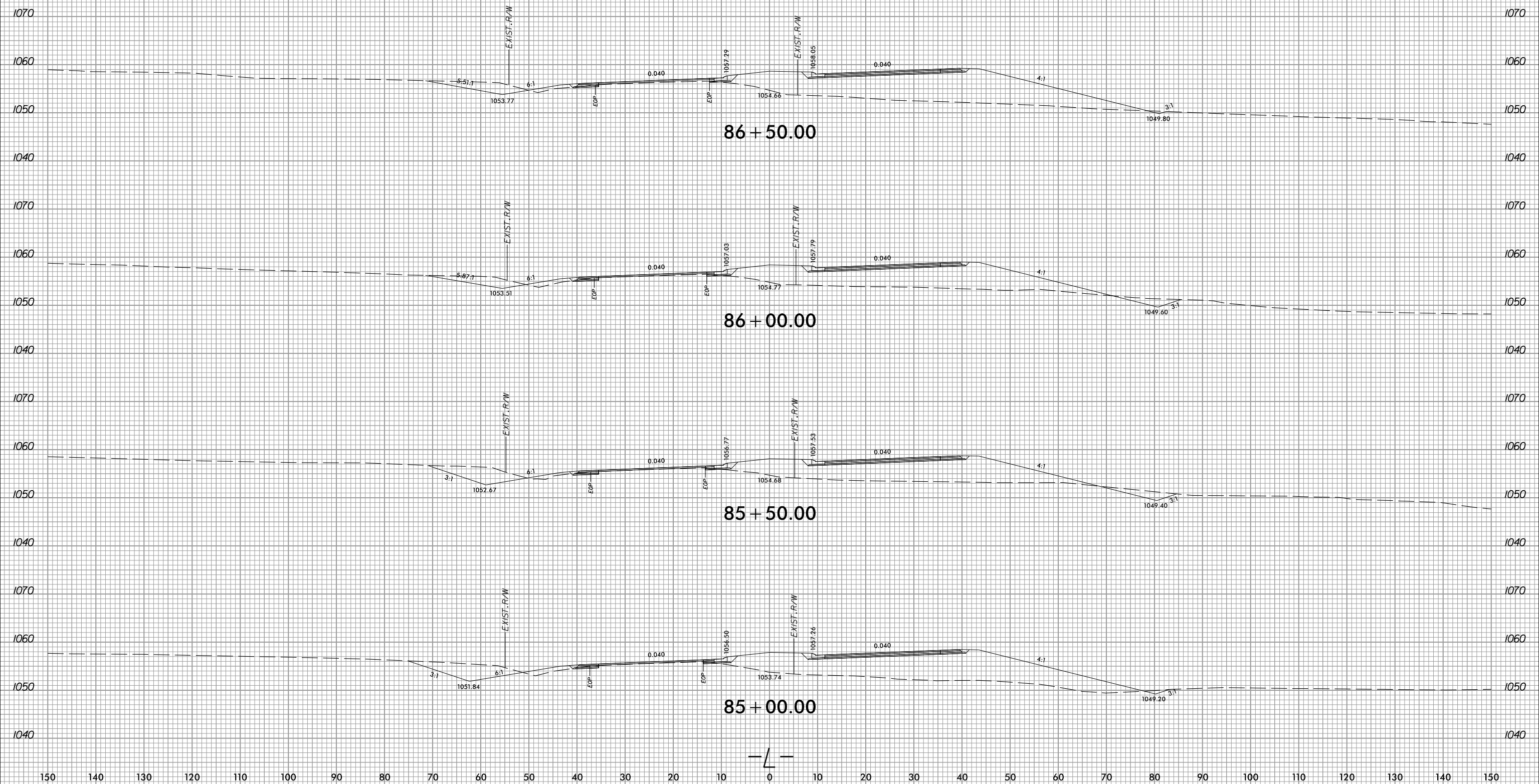
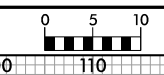
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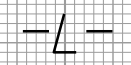


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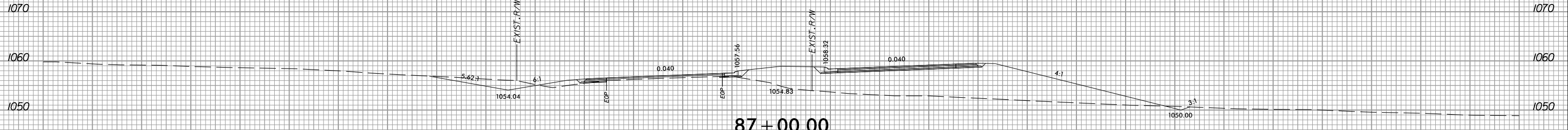
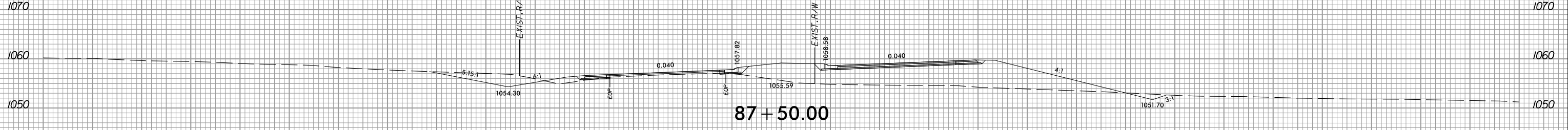
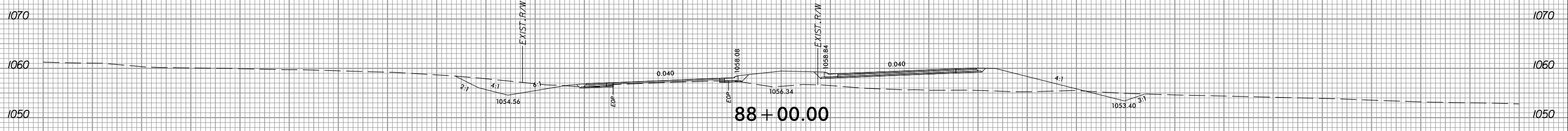
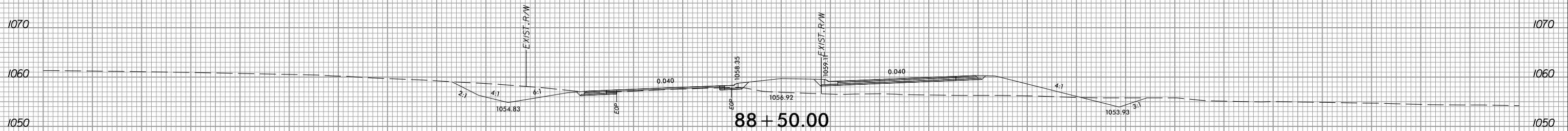


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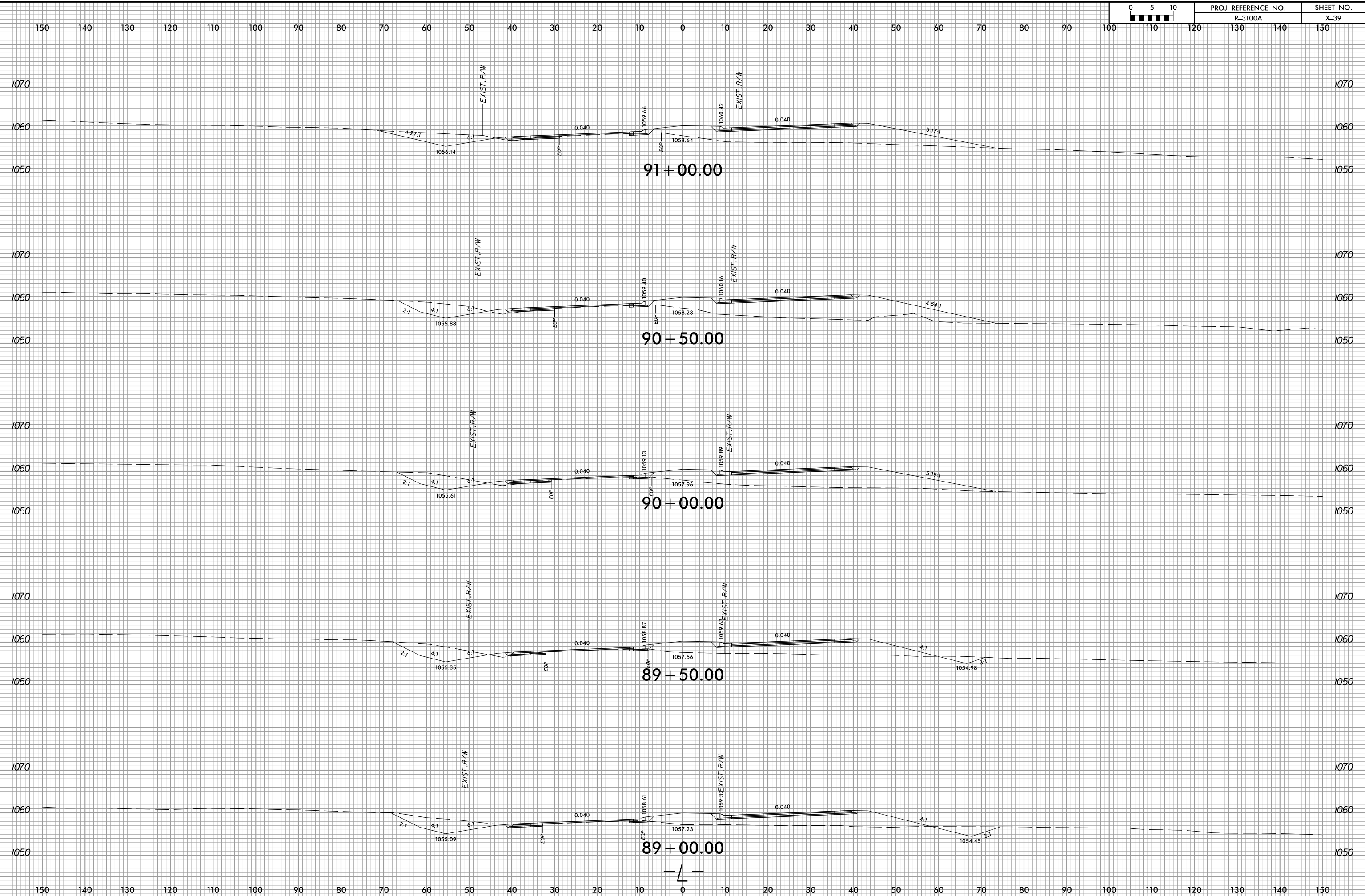
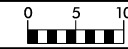




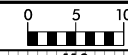
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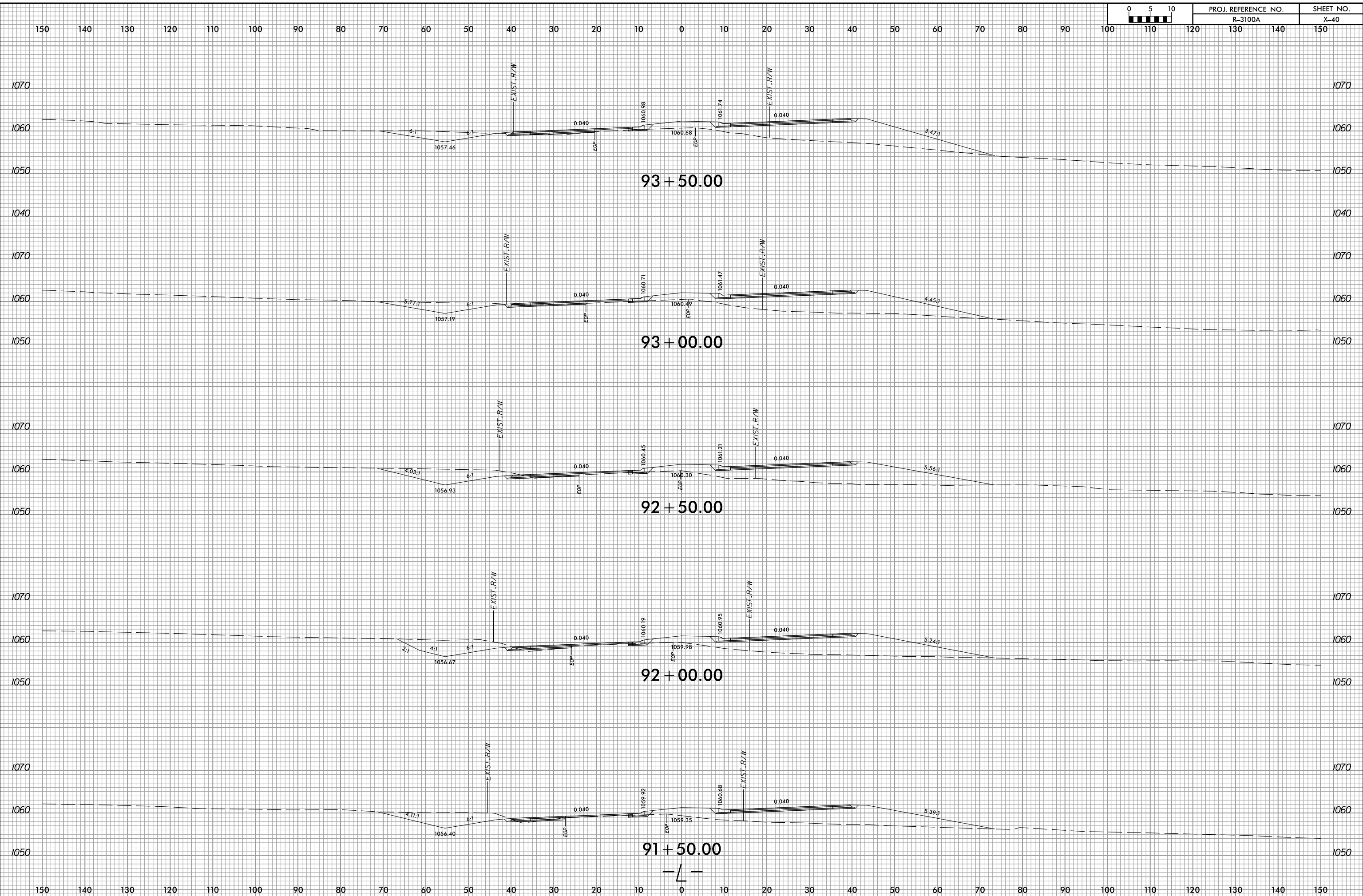


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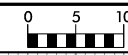


PROJ. REFERENCE NO.  
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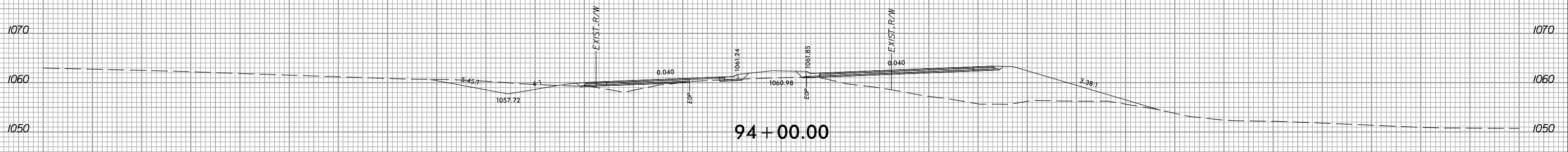
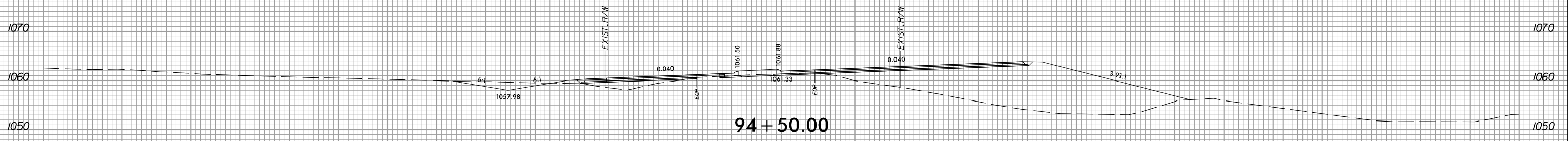
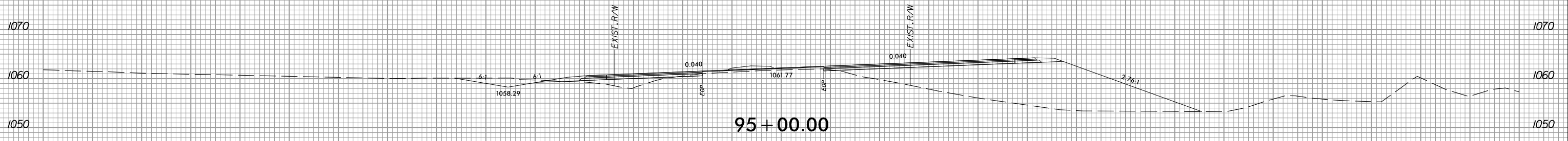
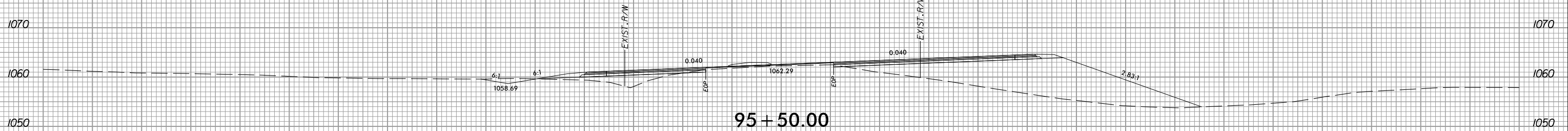
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X-40



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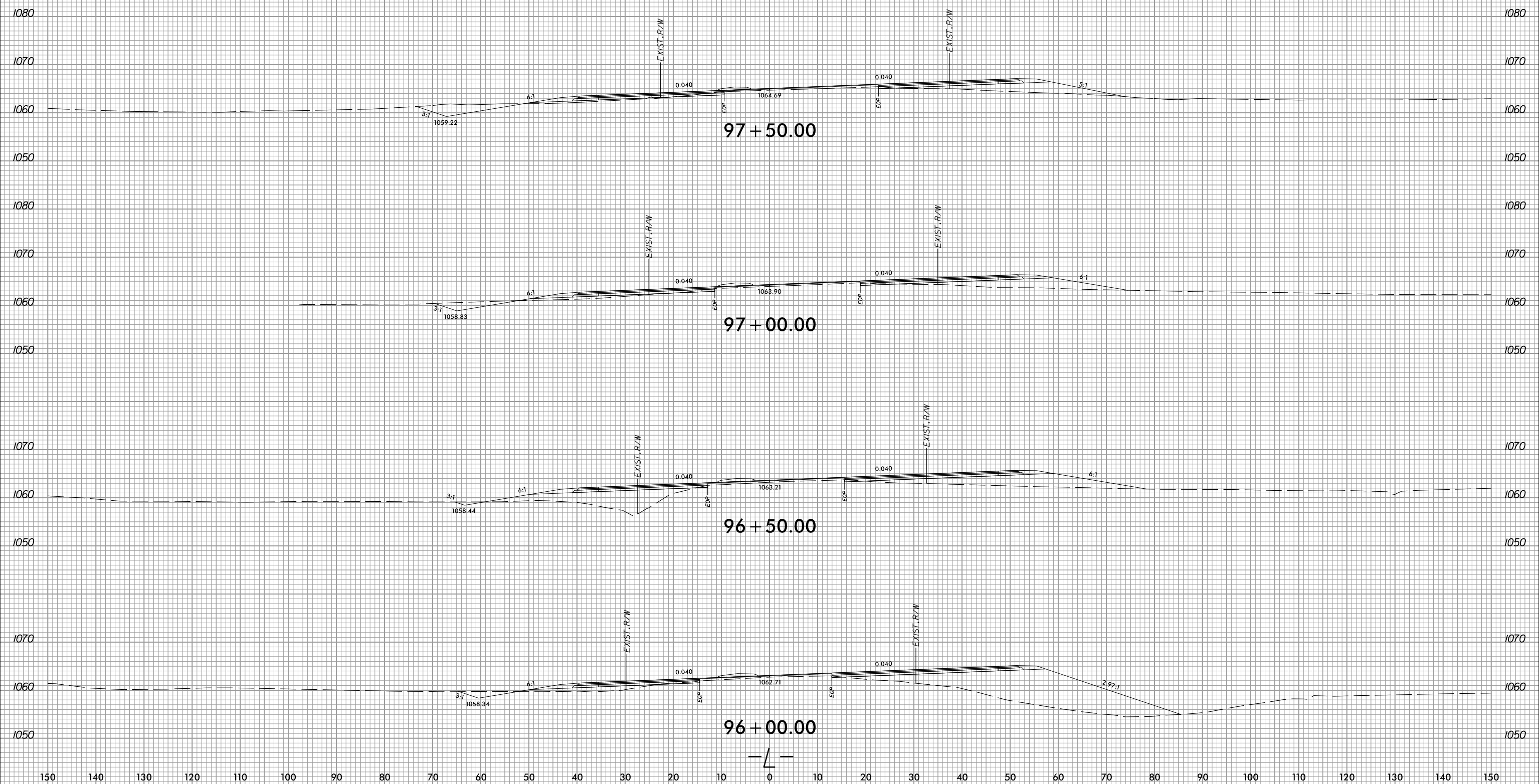
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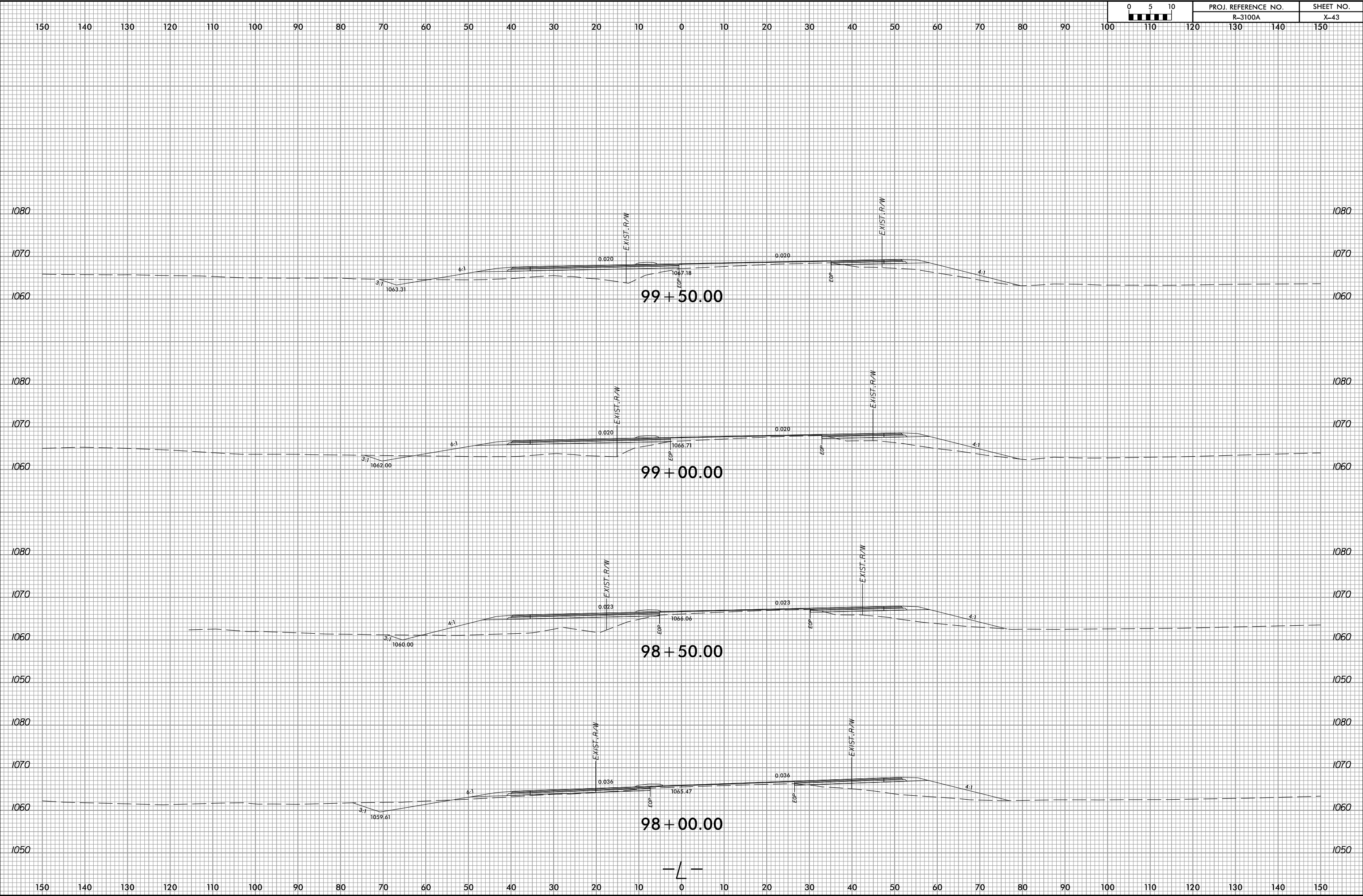


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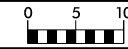
SHEET NO.  
X-43



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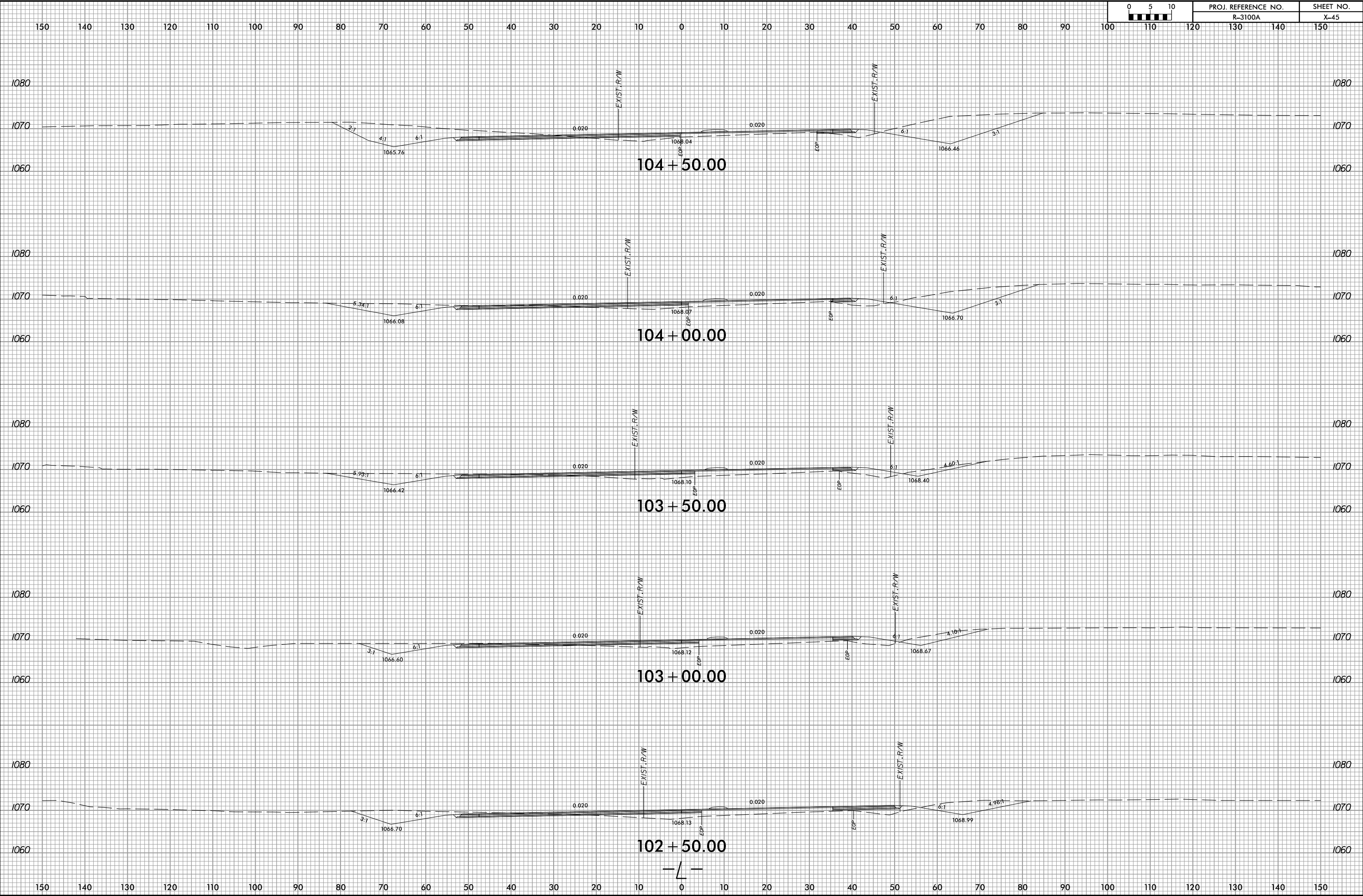


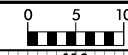
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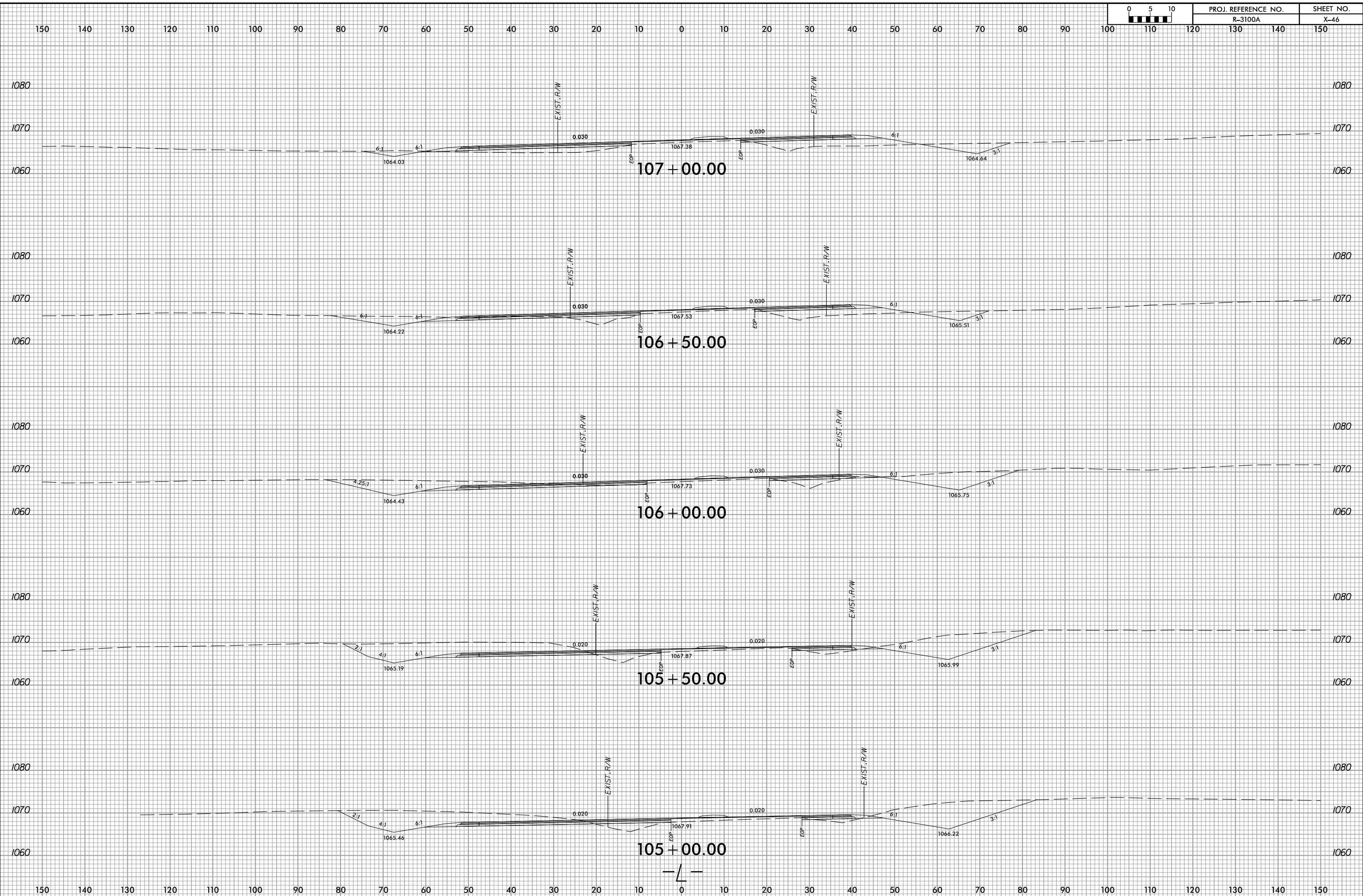
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X-45





PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-46



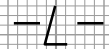
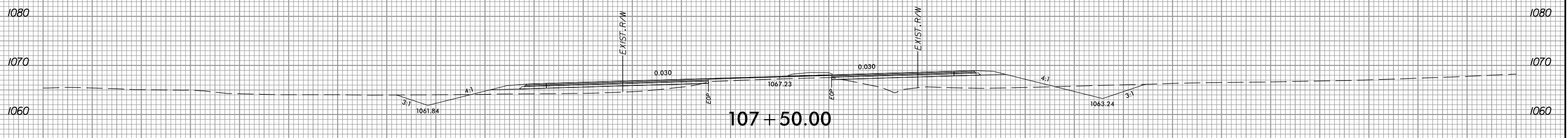
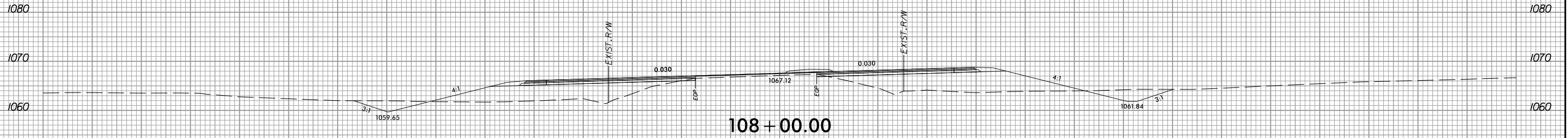
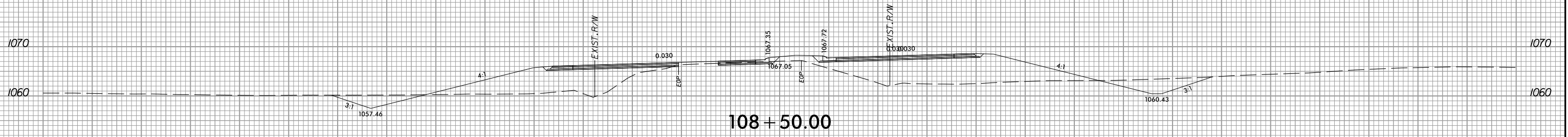
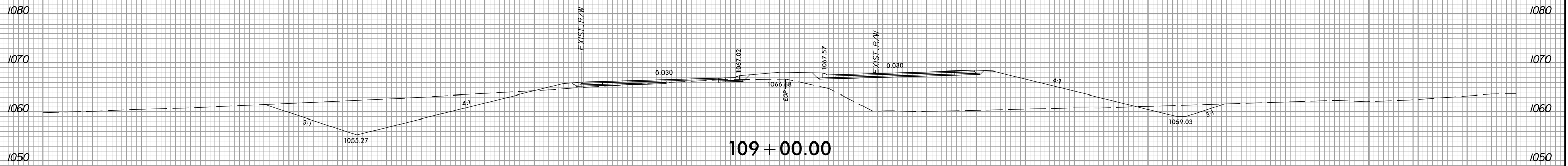
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PROJ. REFERENCE NO.  
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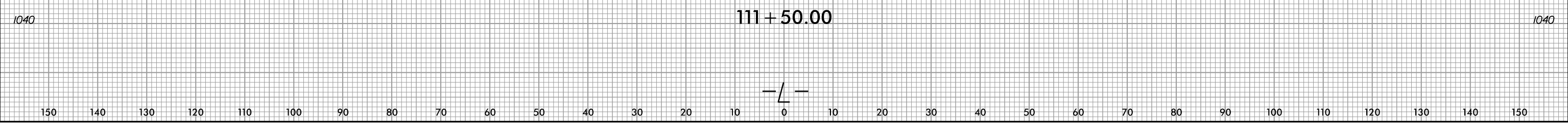
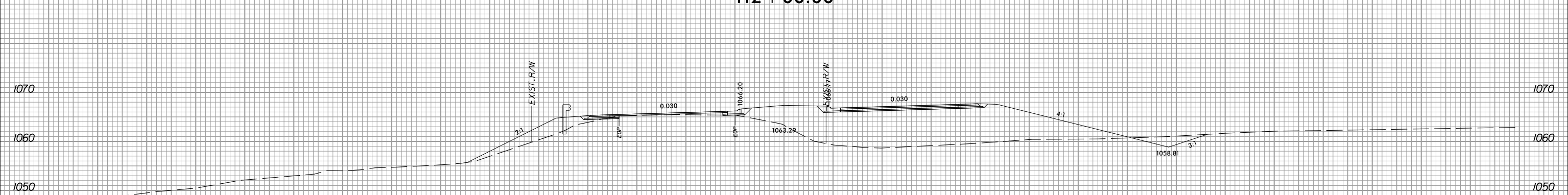
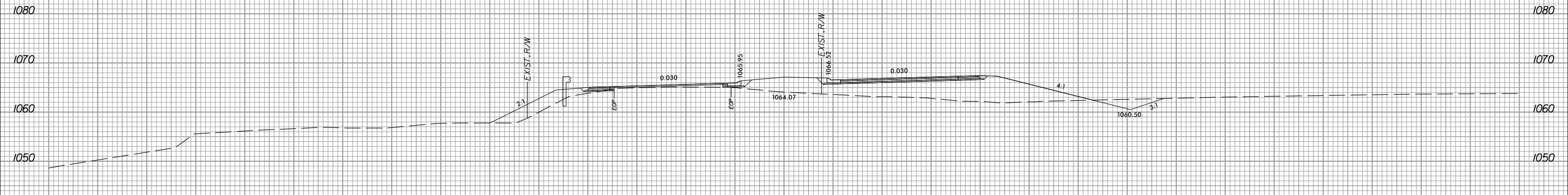
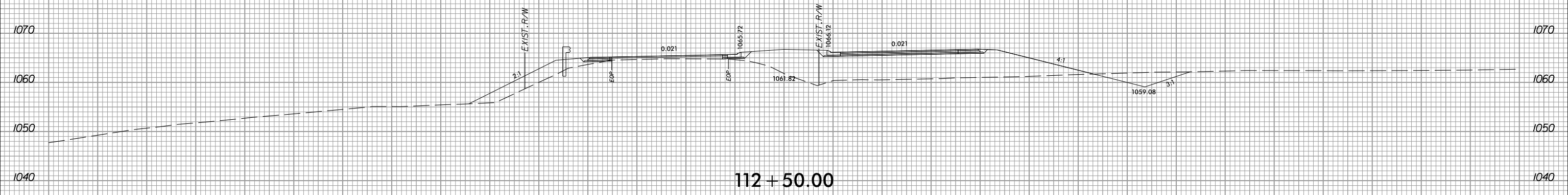
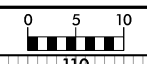
SHEET NO.  
X-47

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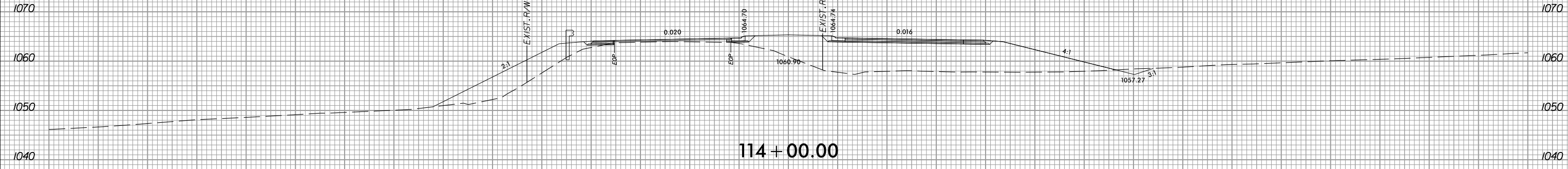
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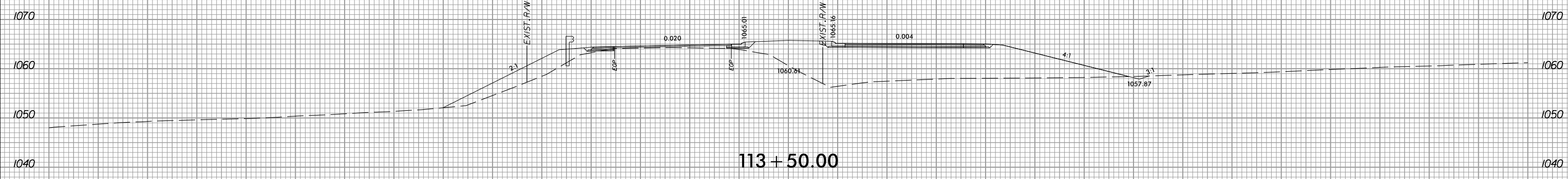


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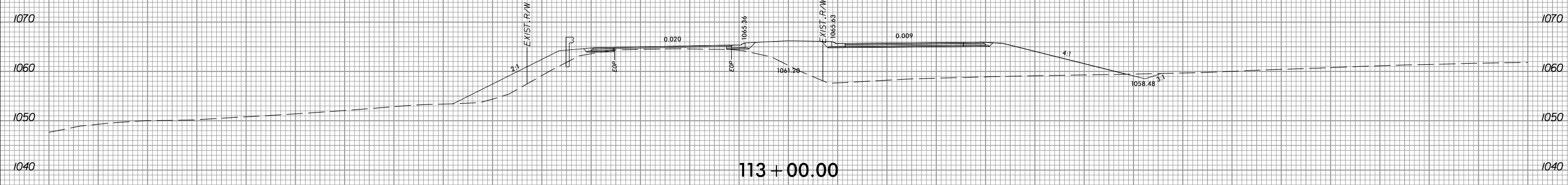




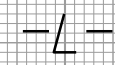
114 + 00.00

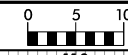


113 + 50.00



113 + 00.00

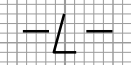
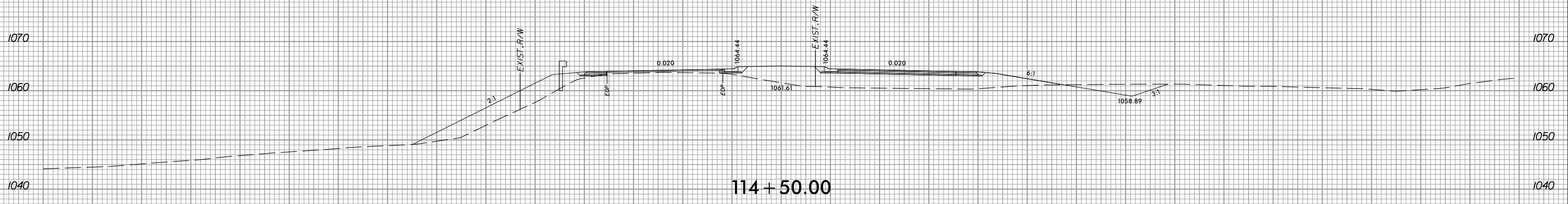
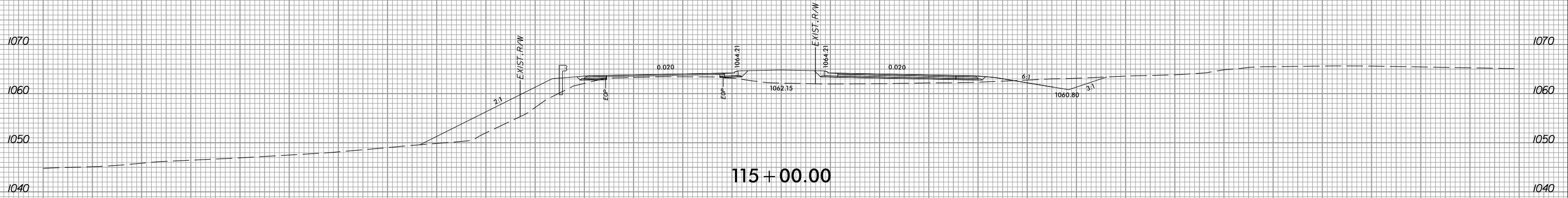
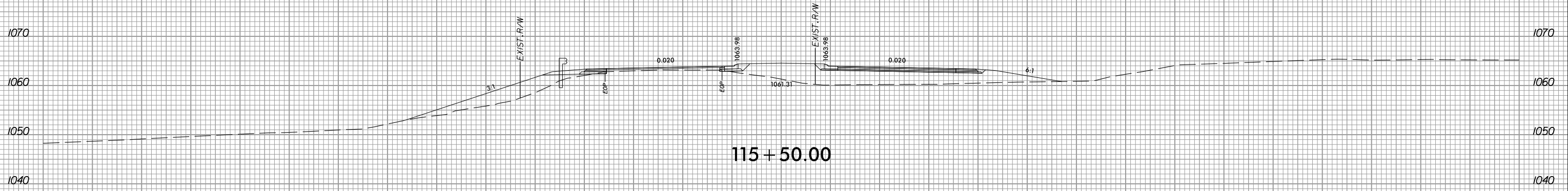
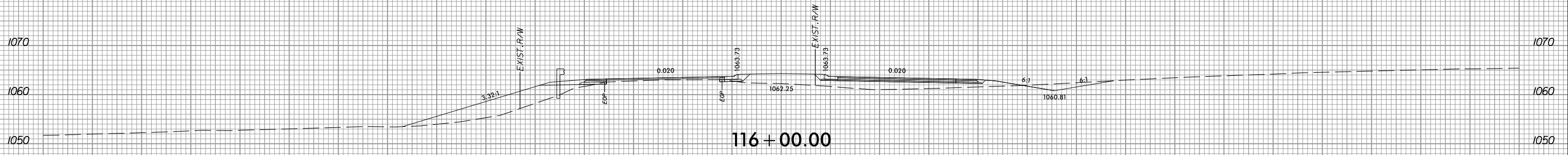




PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-51

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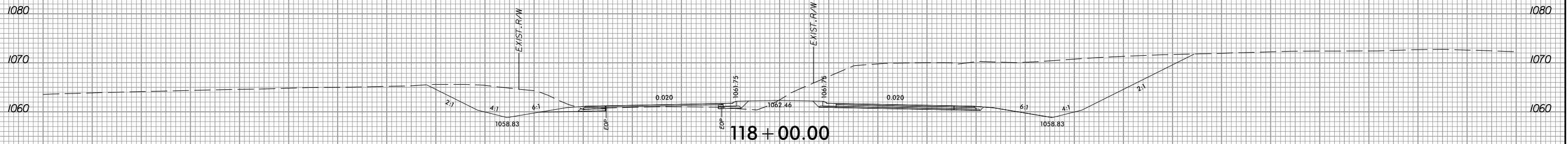
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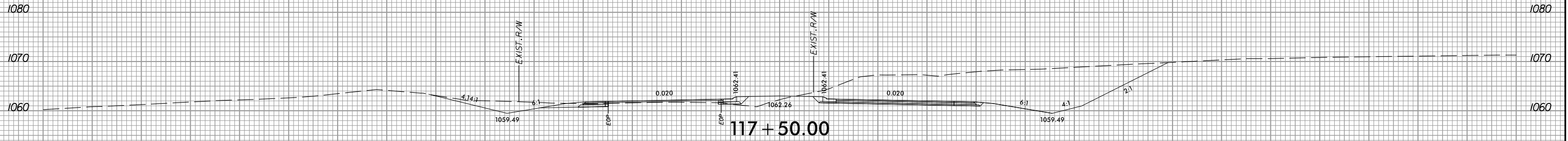
PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-52

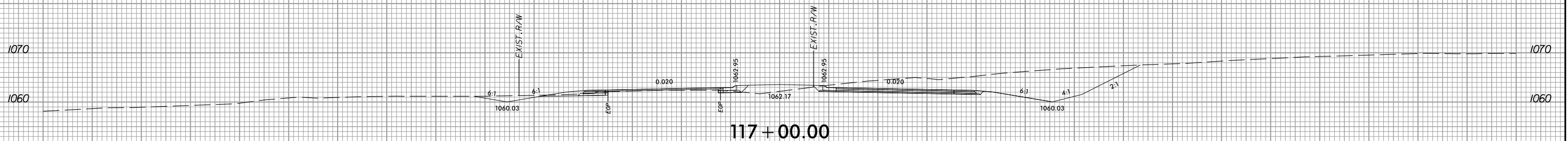
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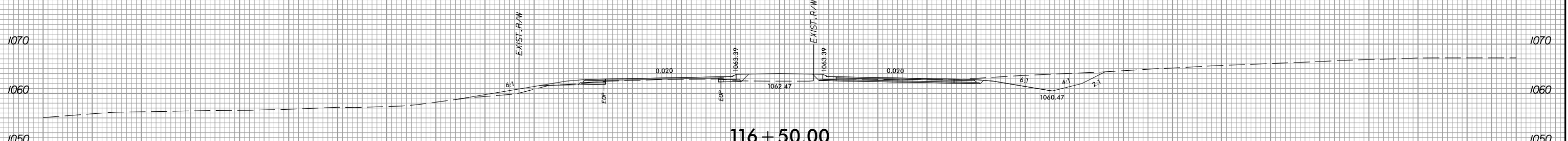
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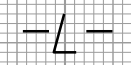
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117 + 00.00

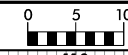


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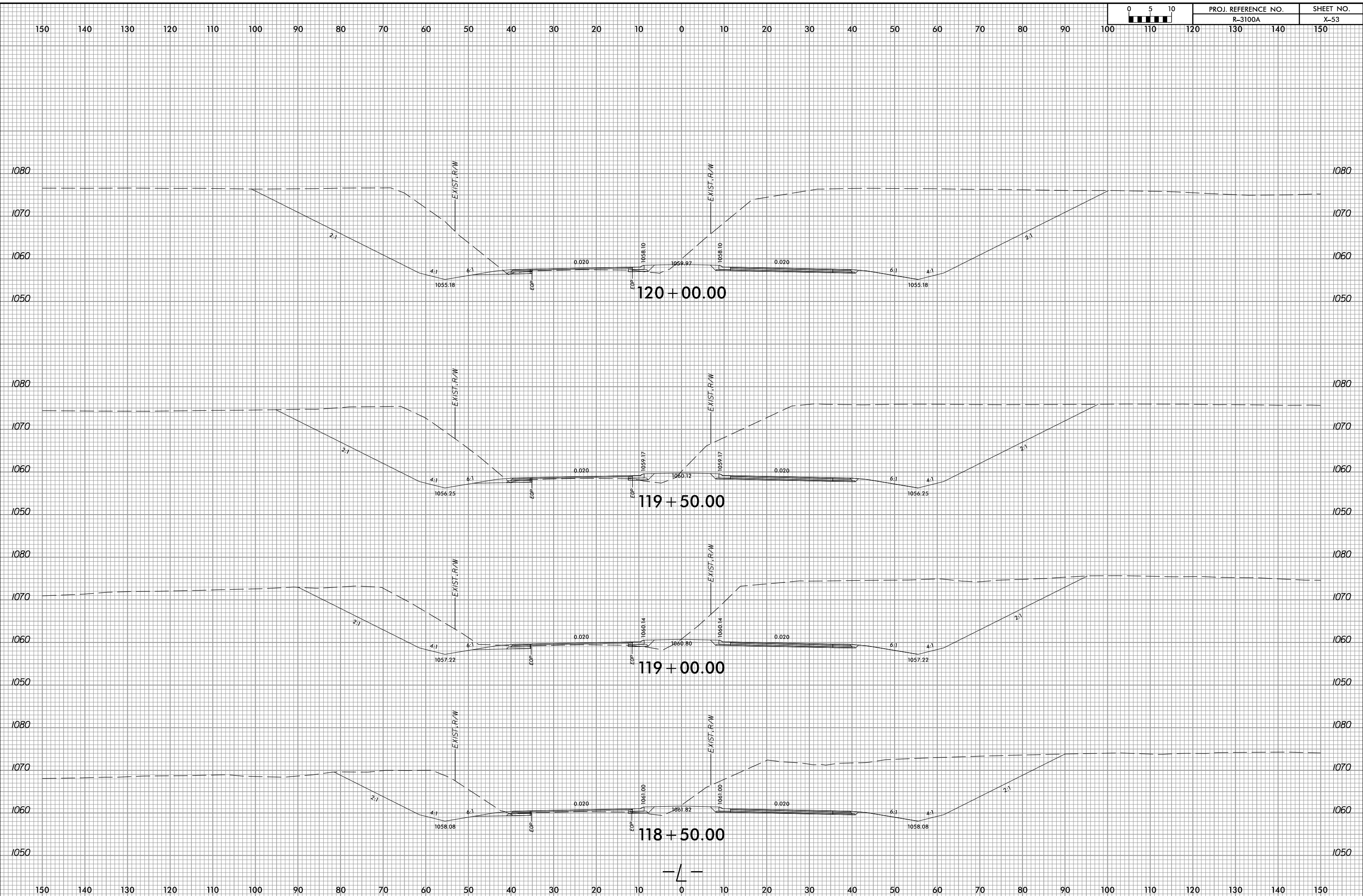
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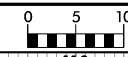
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R-3100A

SHEET NO.  
X-53



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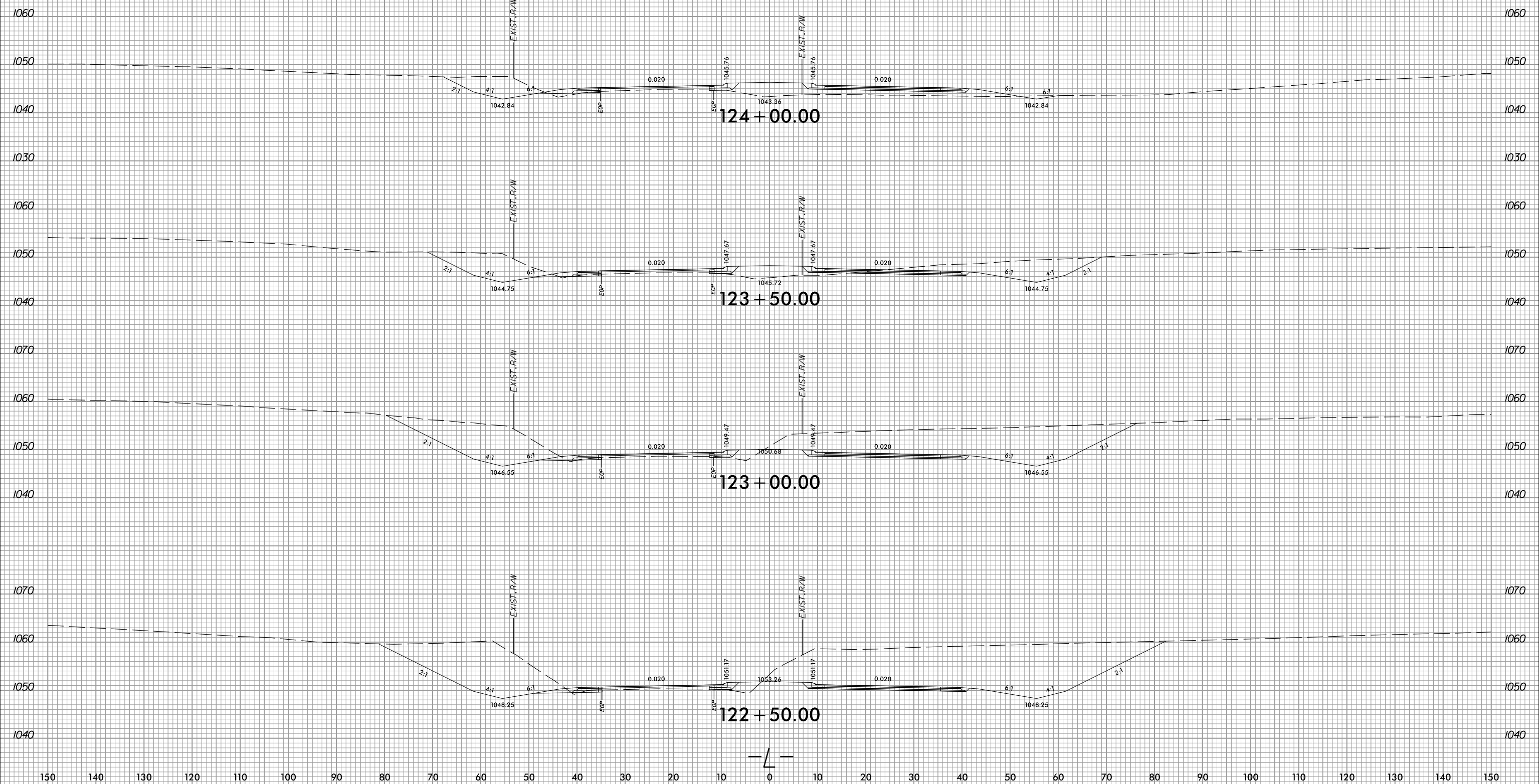




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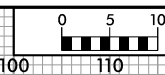
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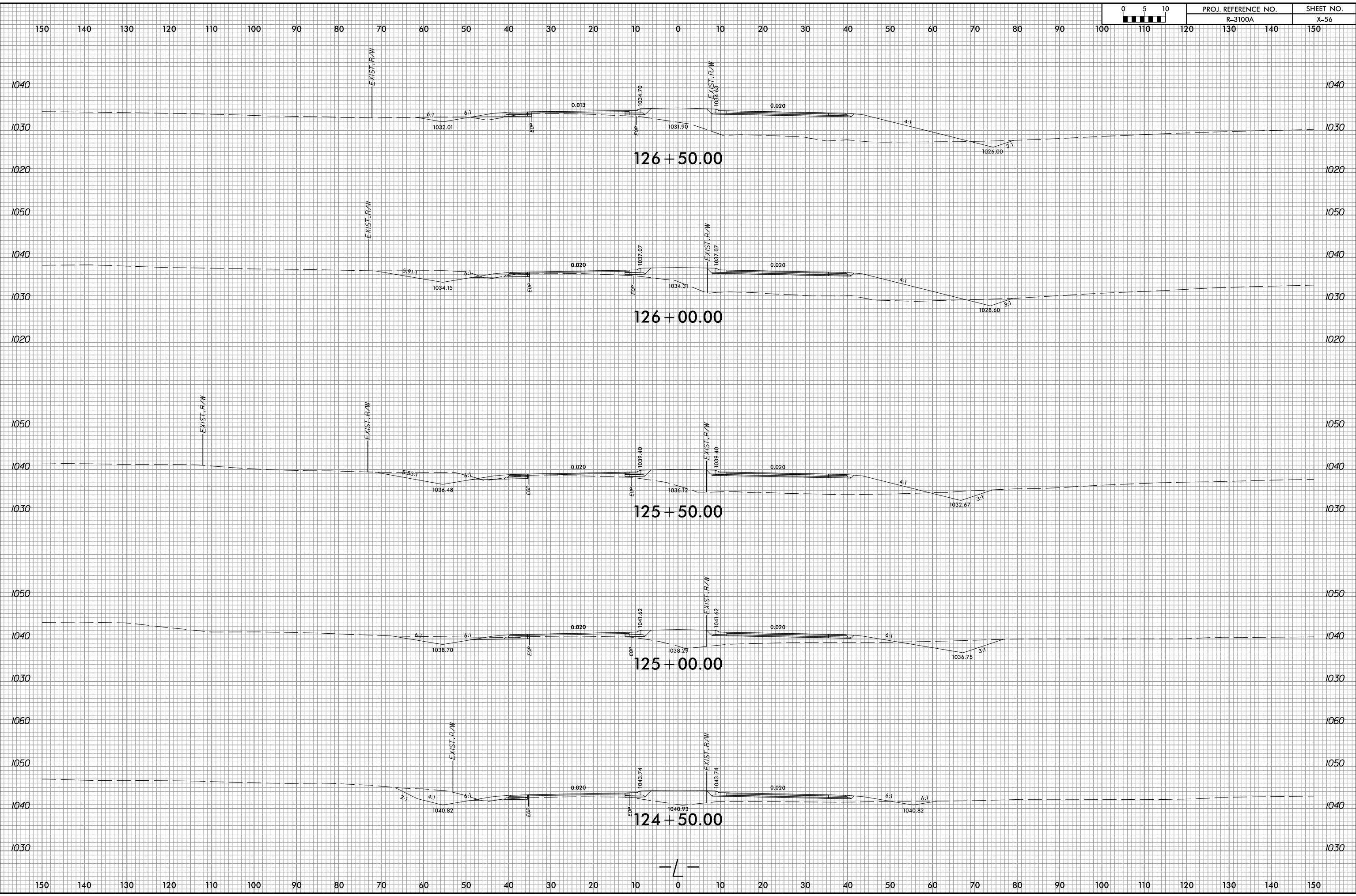


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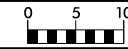
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PROJ. REFERENCE NO.	SHEET NO.
R-3100A	X-56

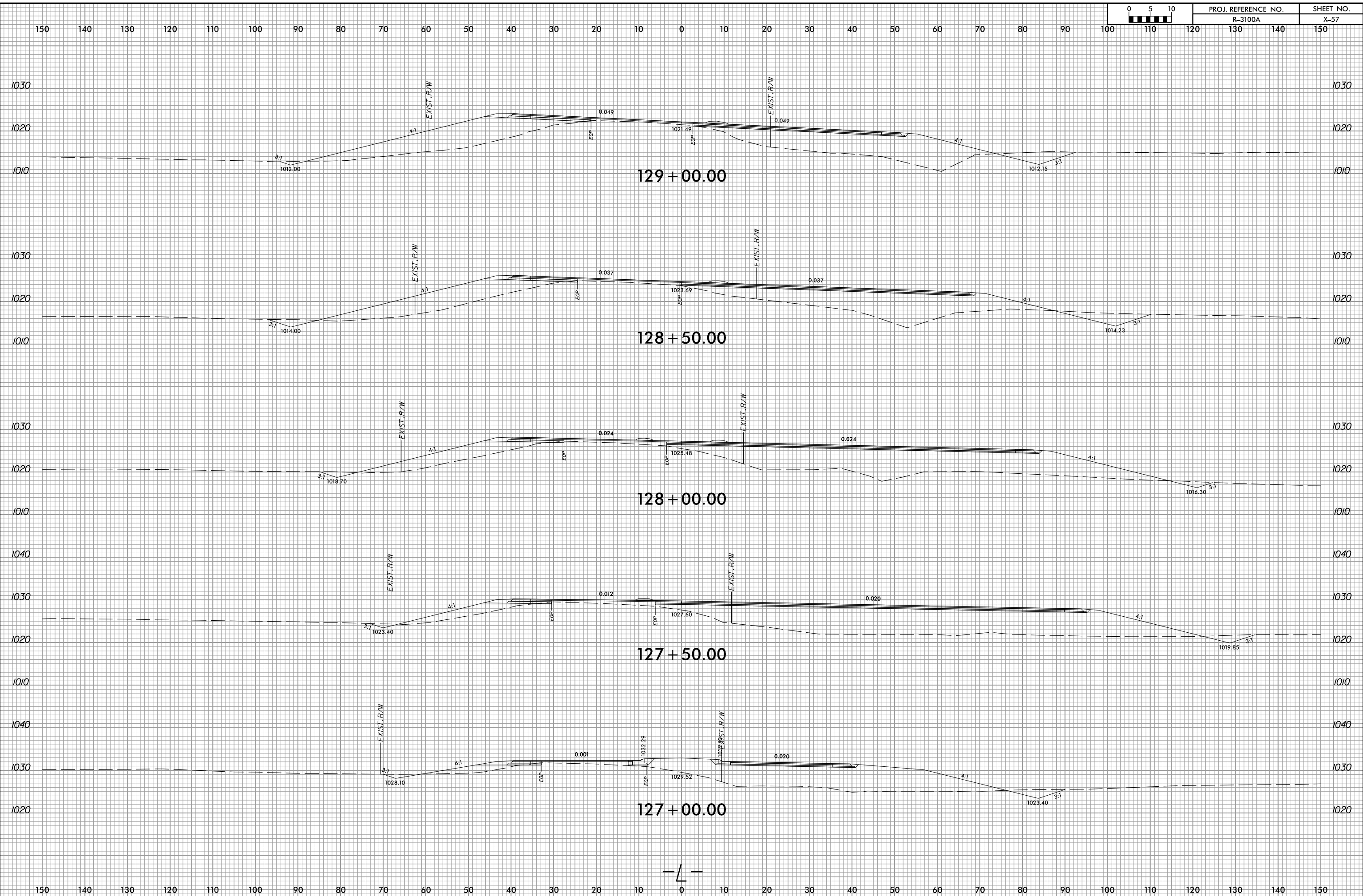


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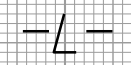


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R-3100A

SHEET NO.  
X-57



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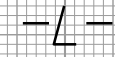
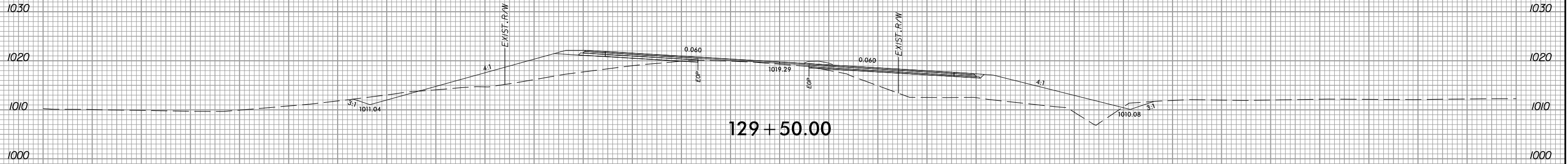
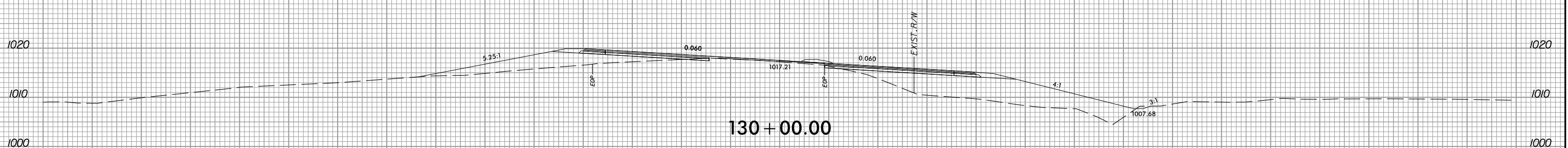
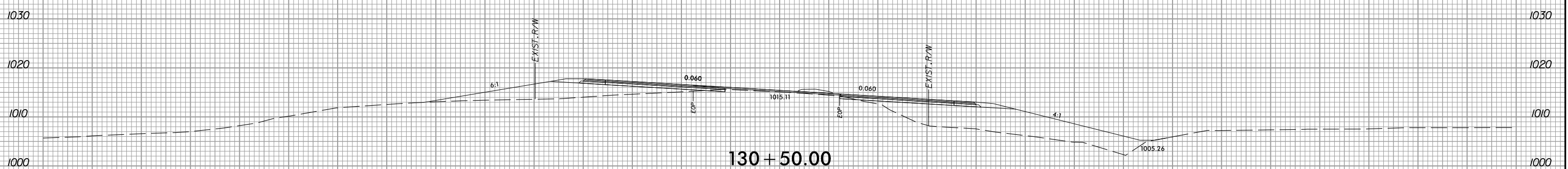
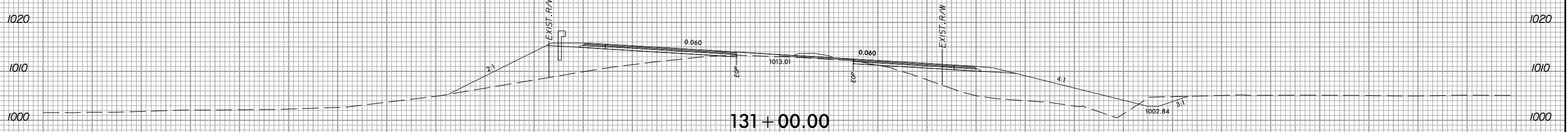
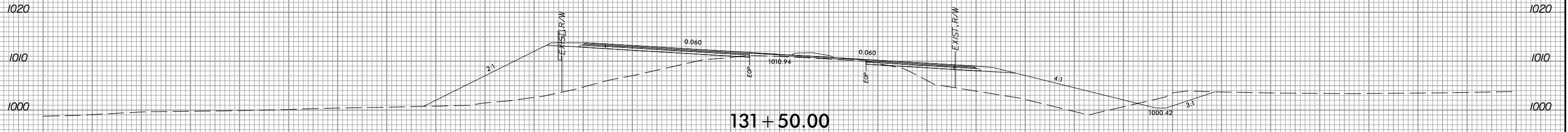




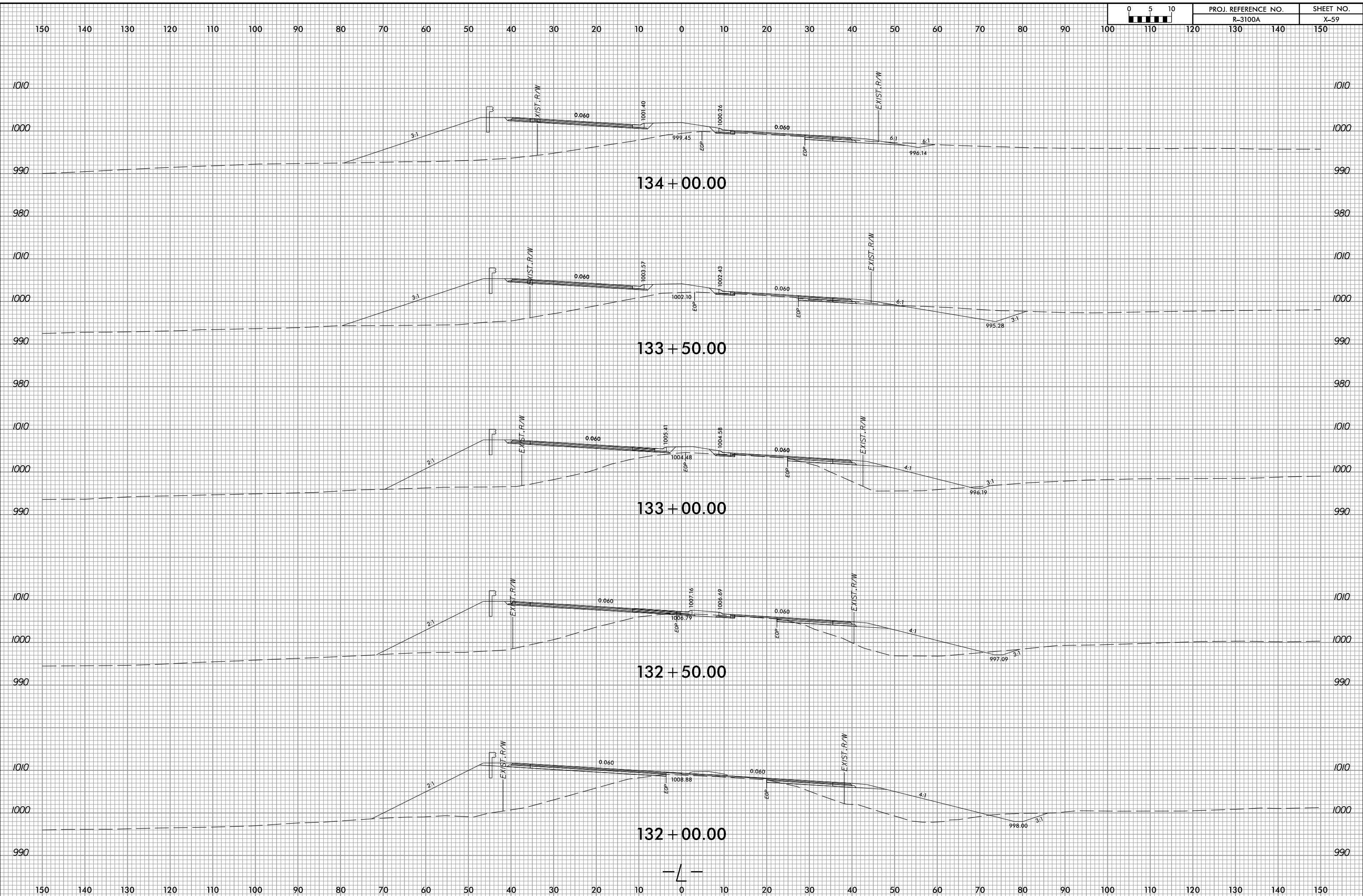
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R-3100A

SHEET NO.  
X-58

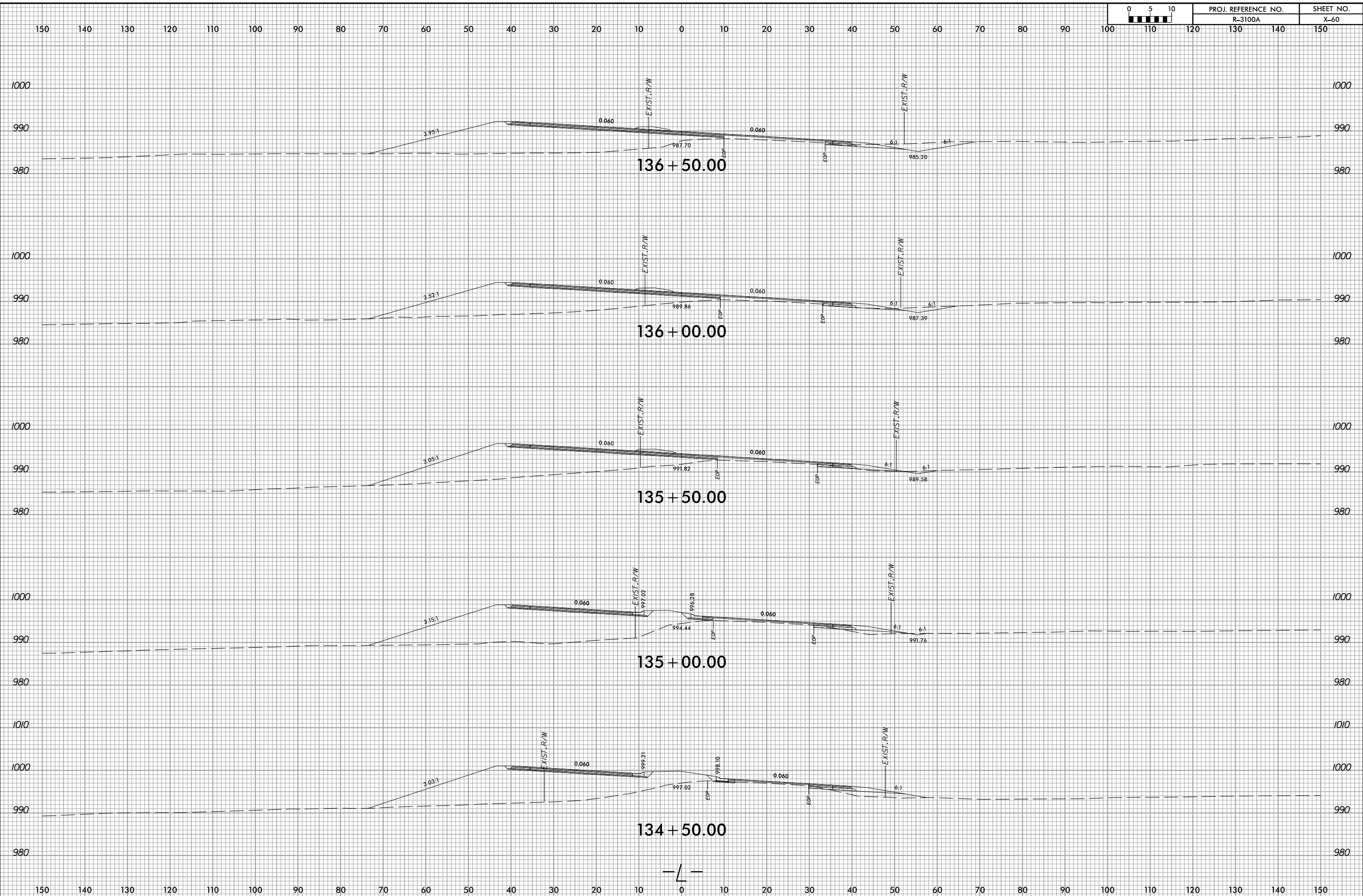
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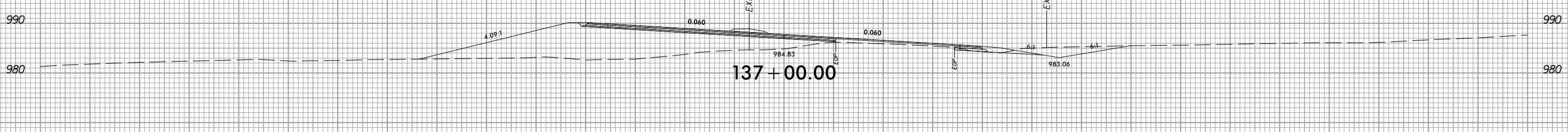
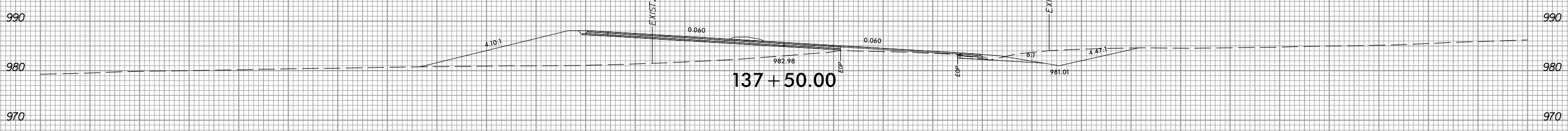
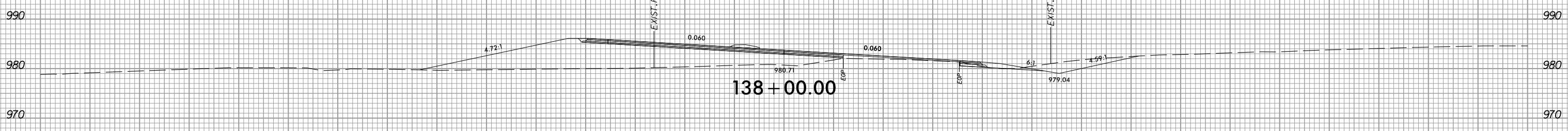
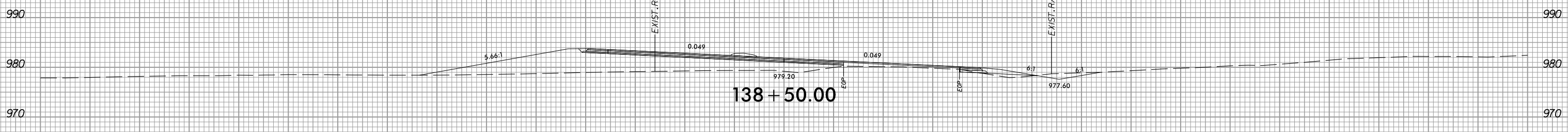
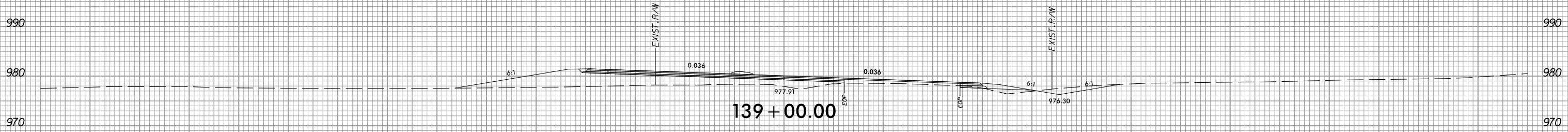
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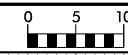


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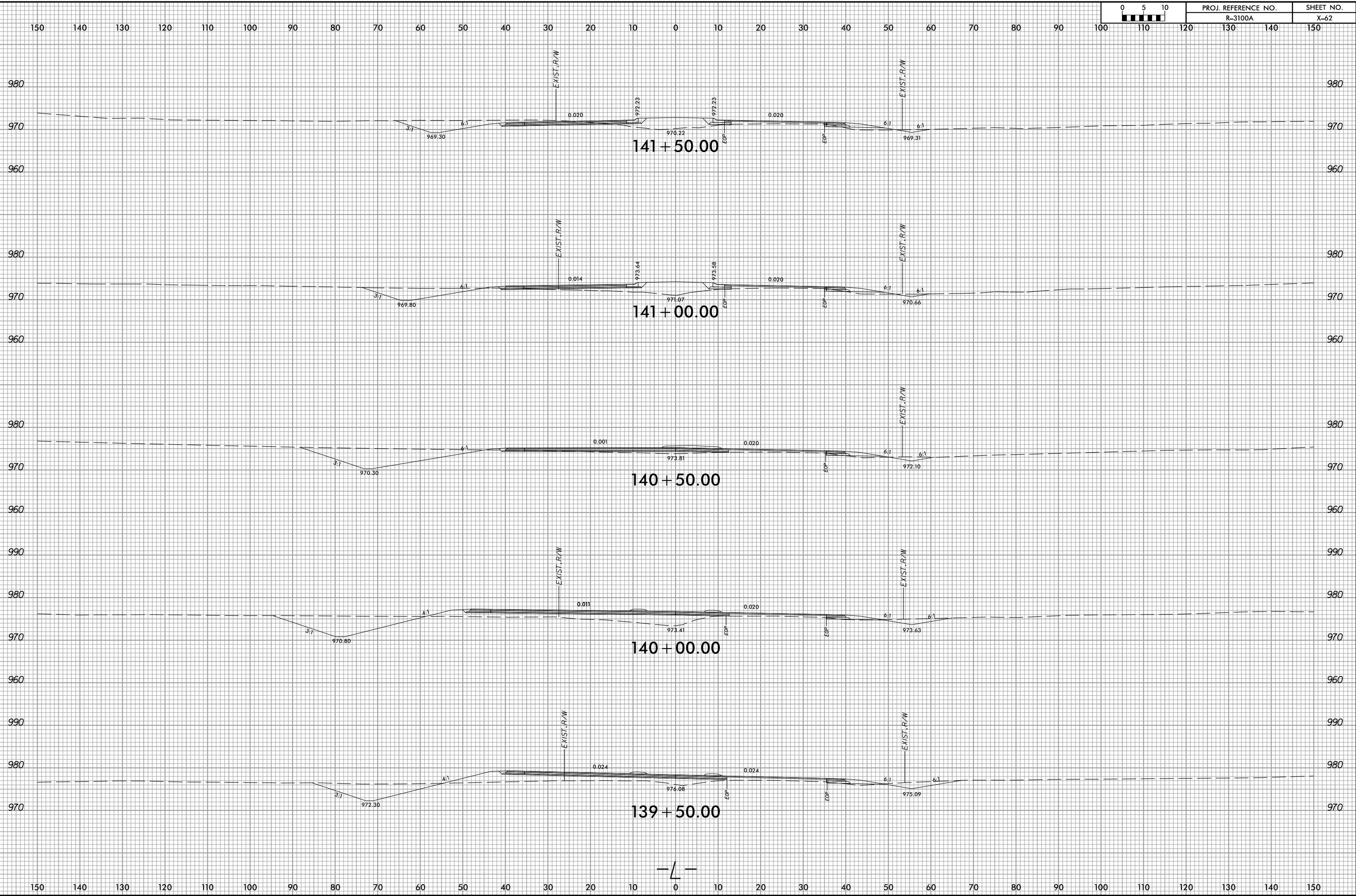


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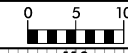
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PROJ. REFERENCE NO.	SHEET NO.
R-3100A	X-62

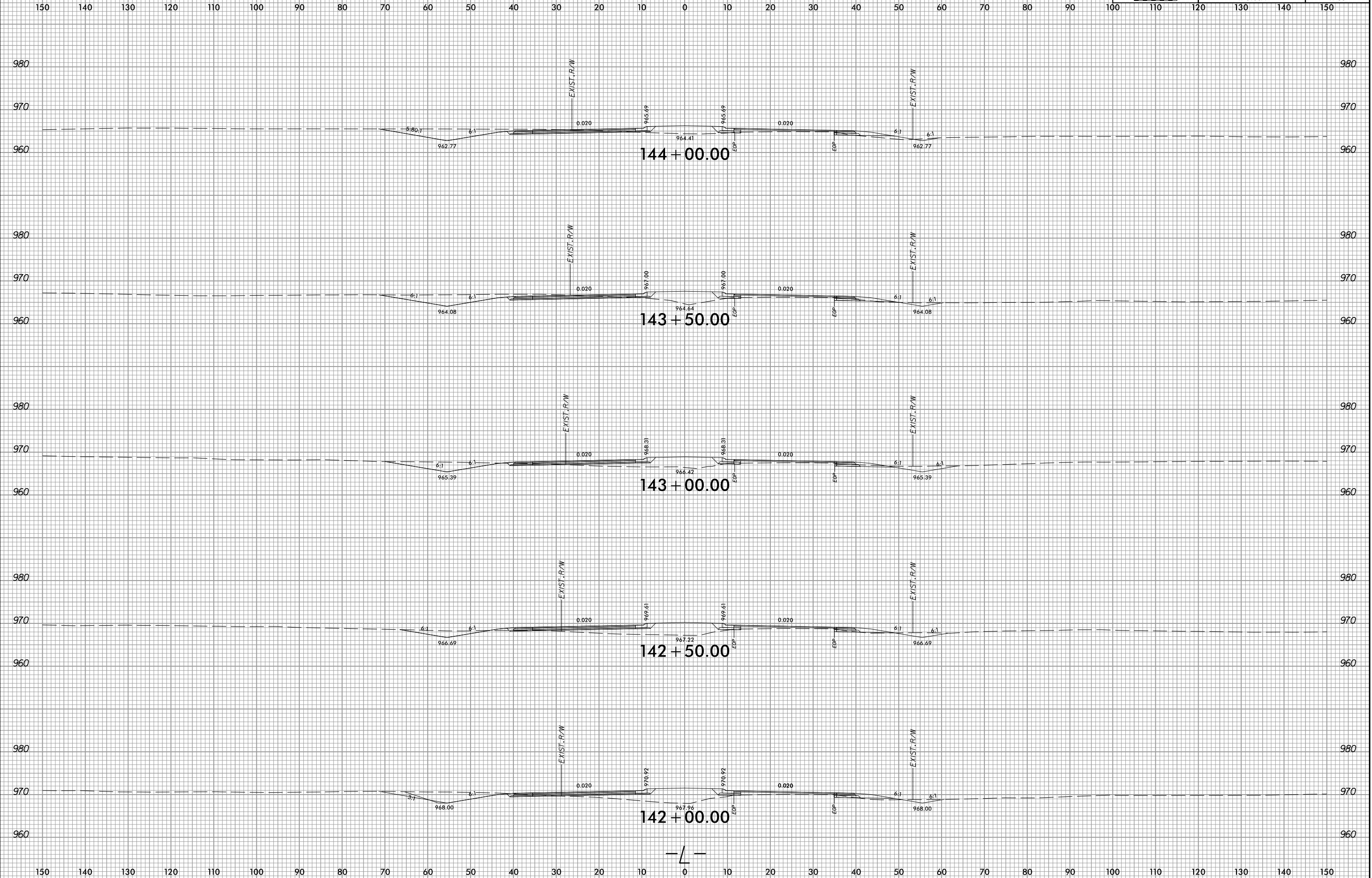


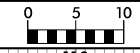
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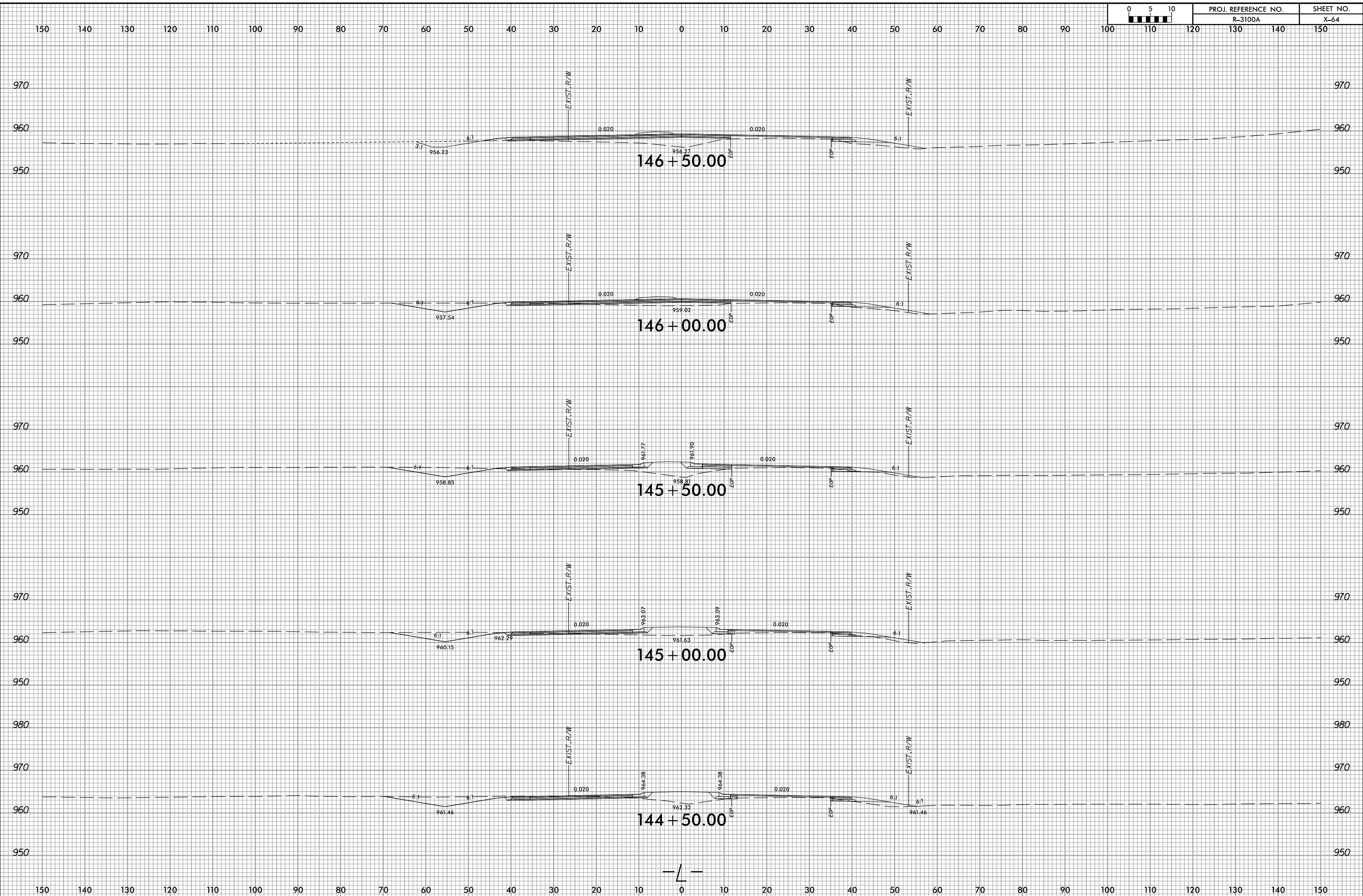
PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-63





PROJ. REFERENCE NO.	SHEET NO.
R-3100A	X-64



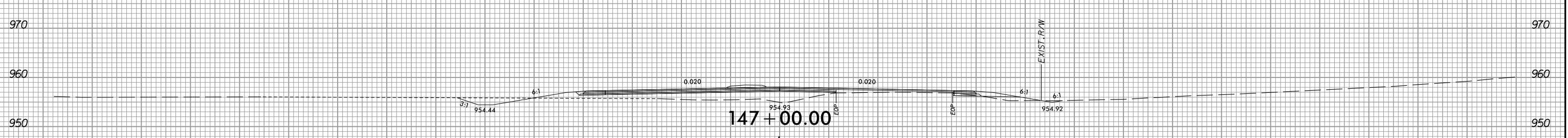
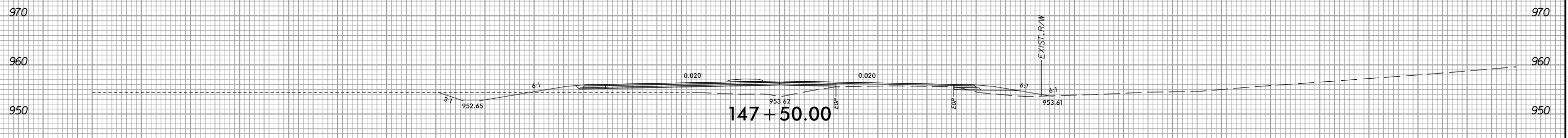
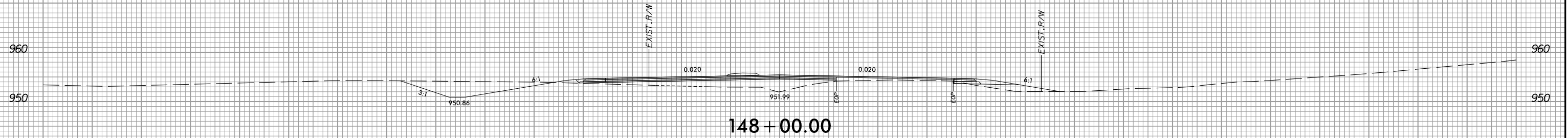
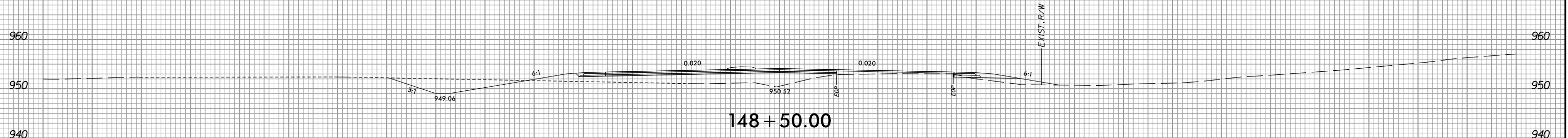
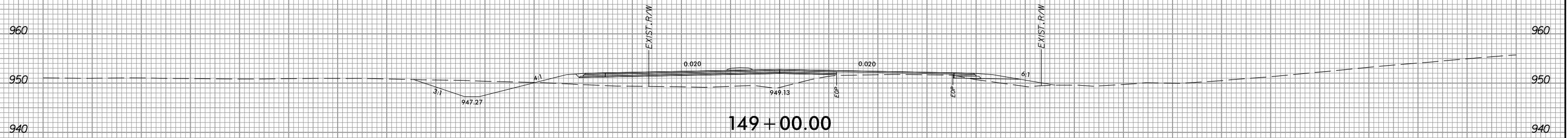
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PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-65

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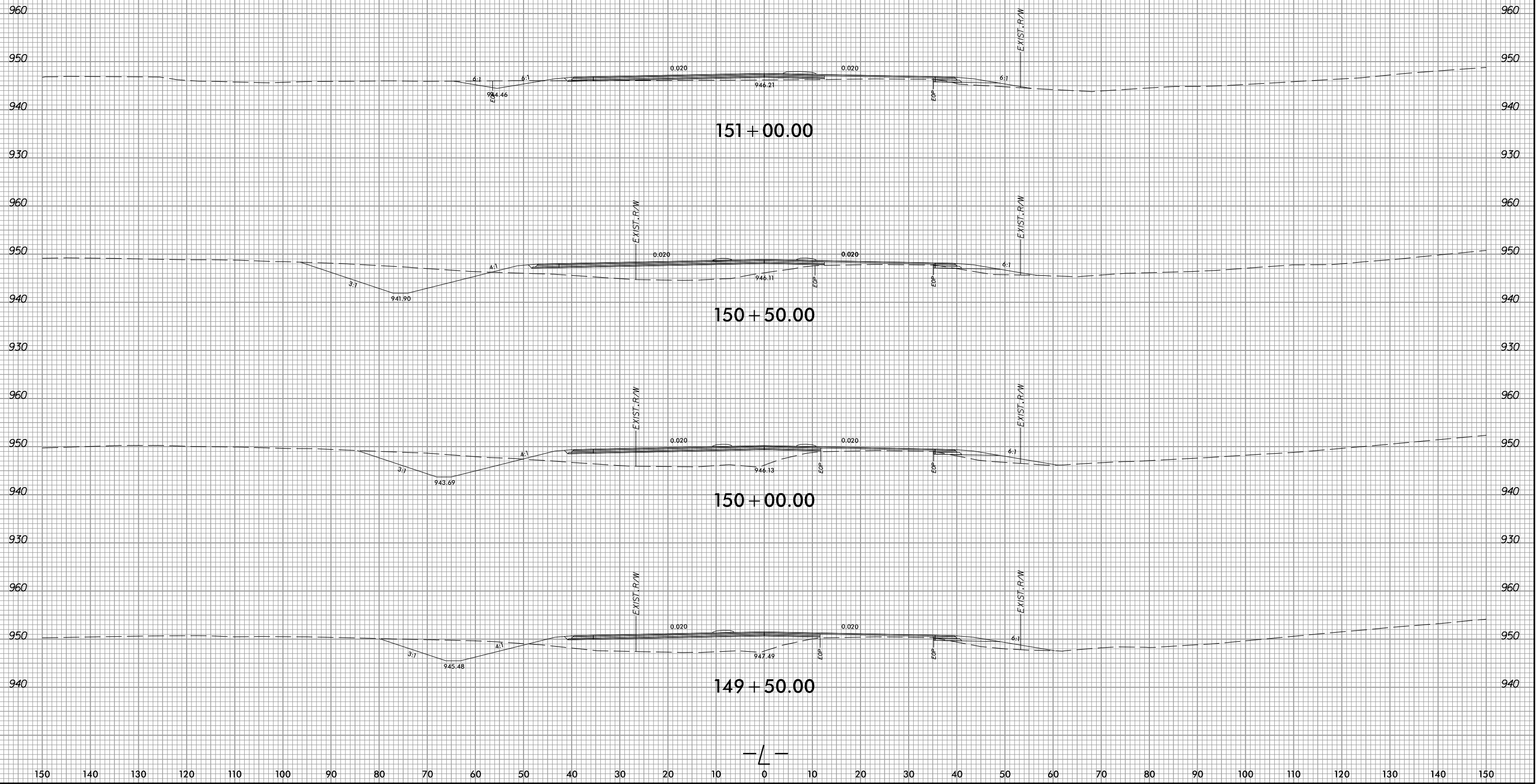




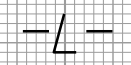
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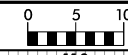
SHEET NO.  
X-66

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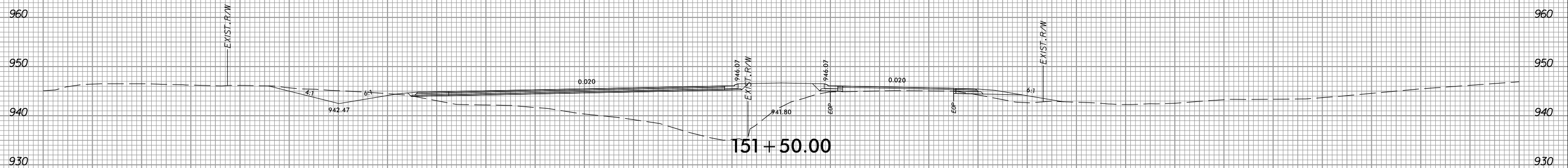
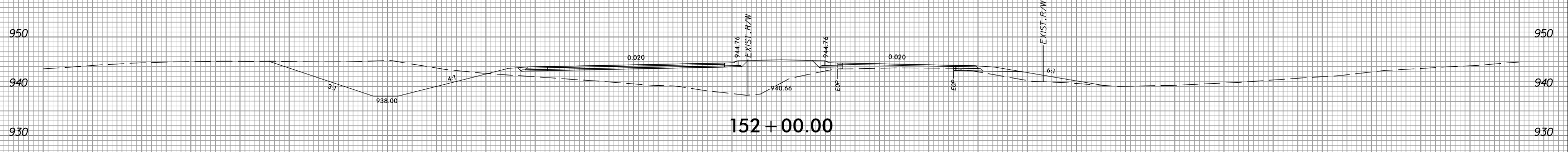
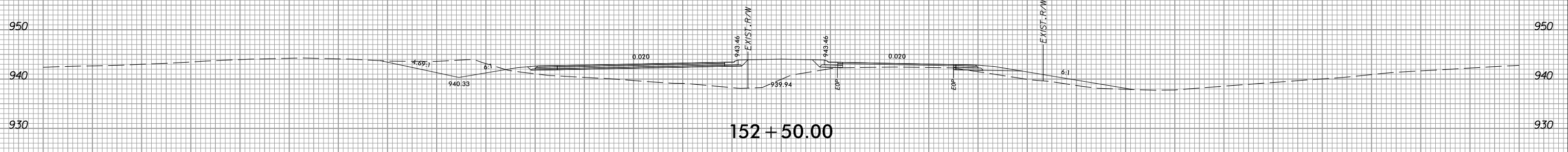
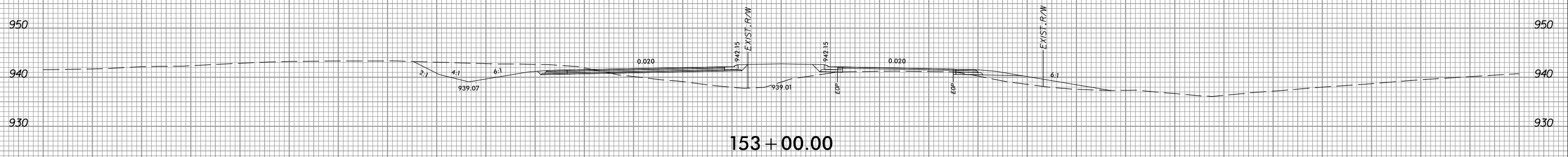
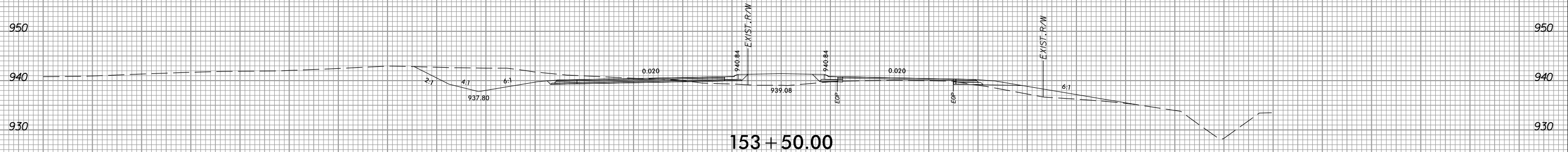




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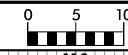
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X-67

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X-67

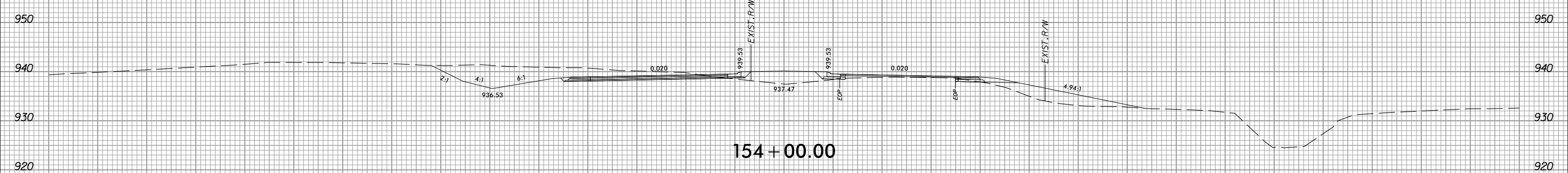
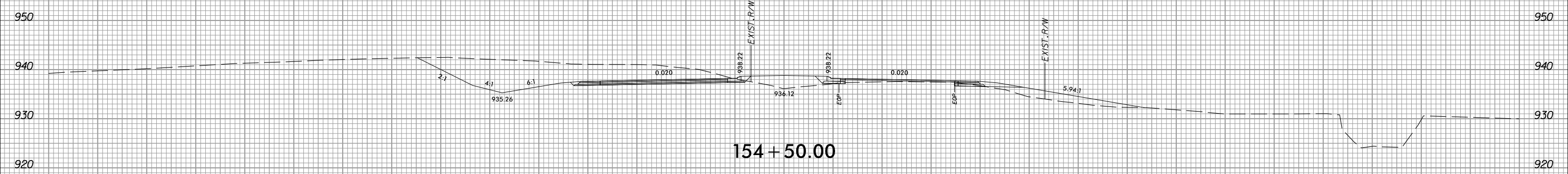
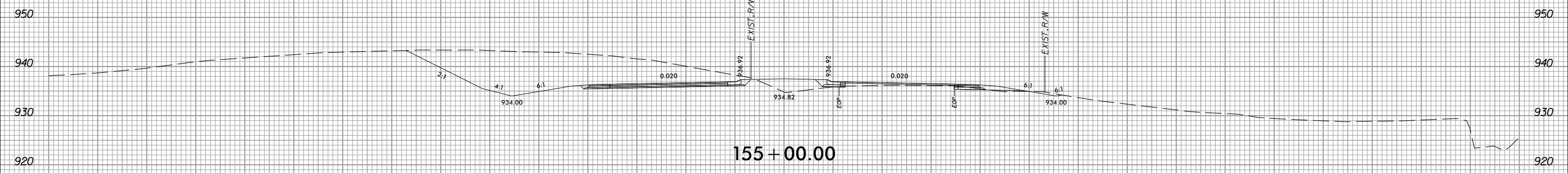
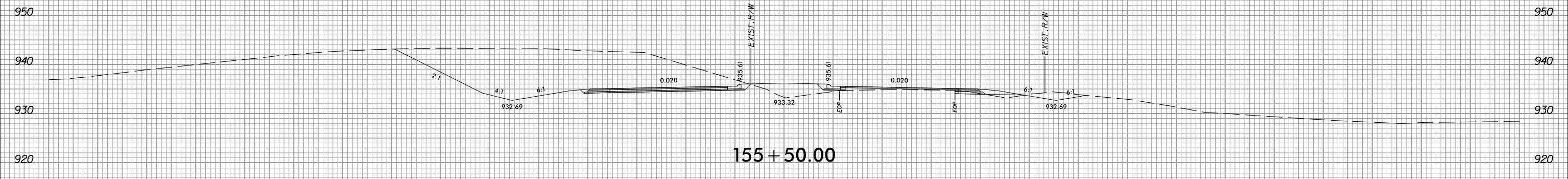
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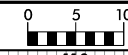
SHEET NO.  
X-68

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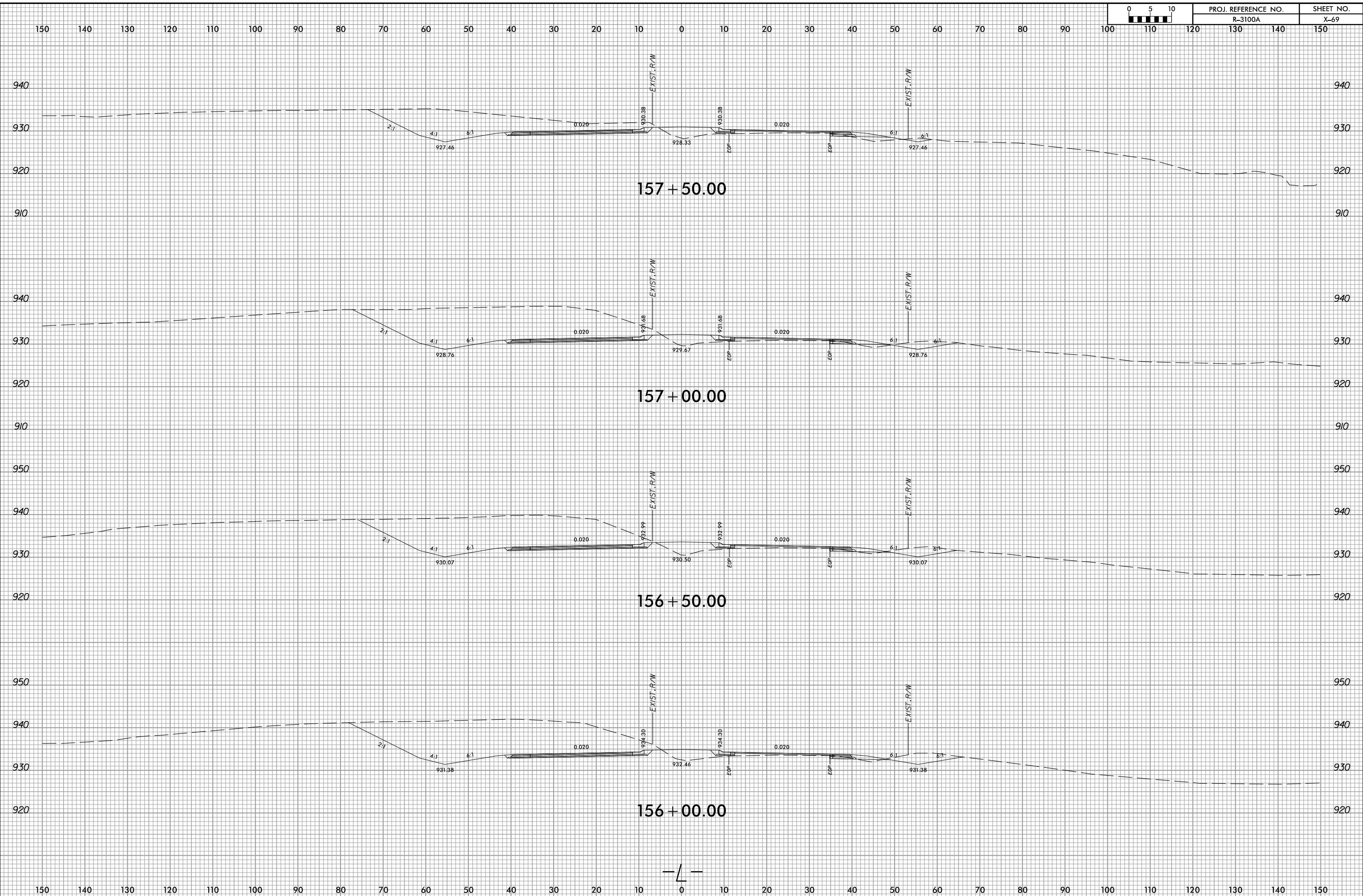


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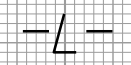
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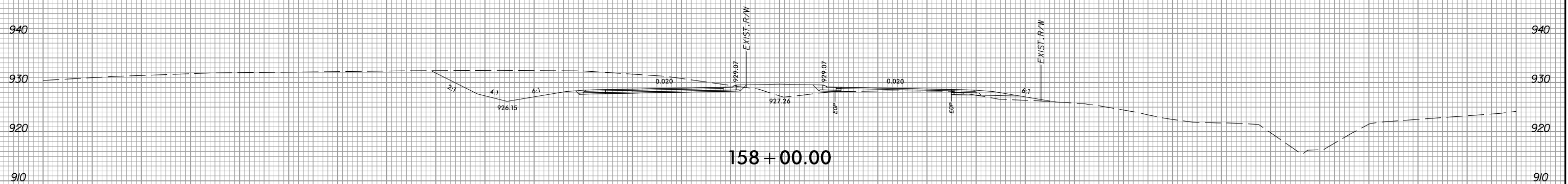
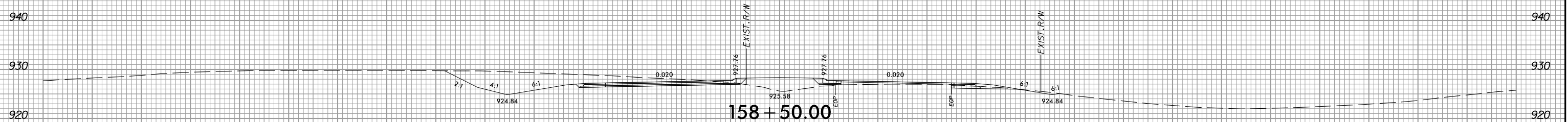
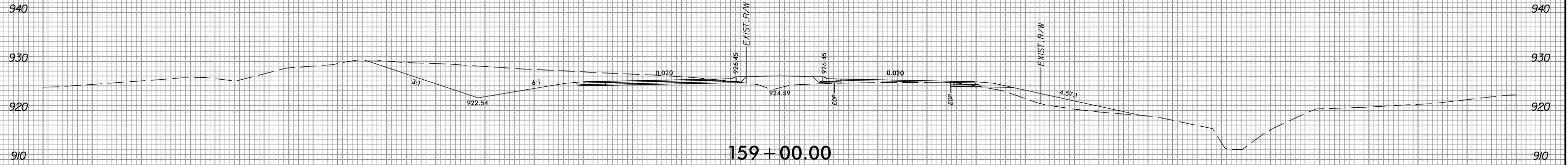
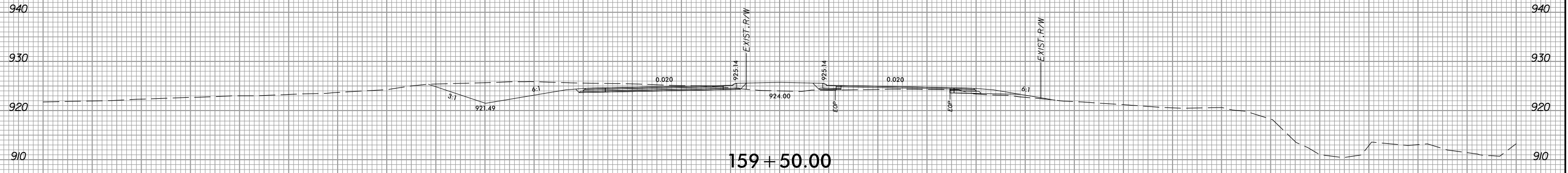




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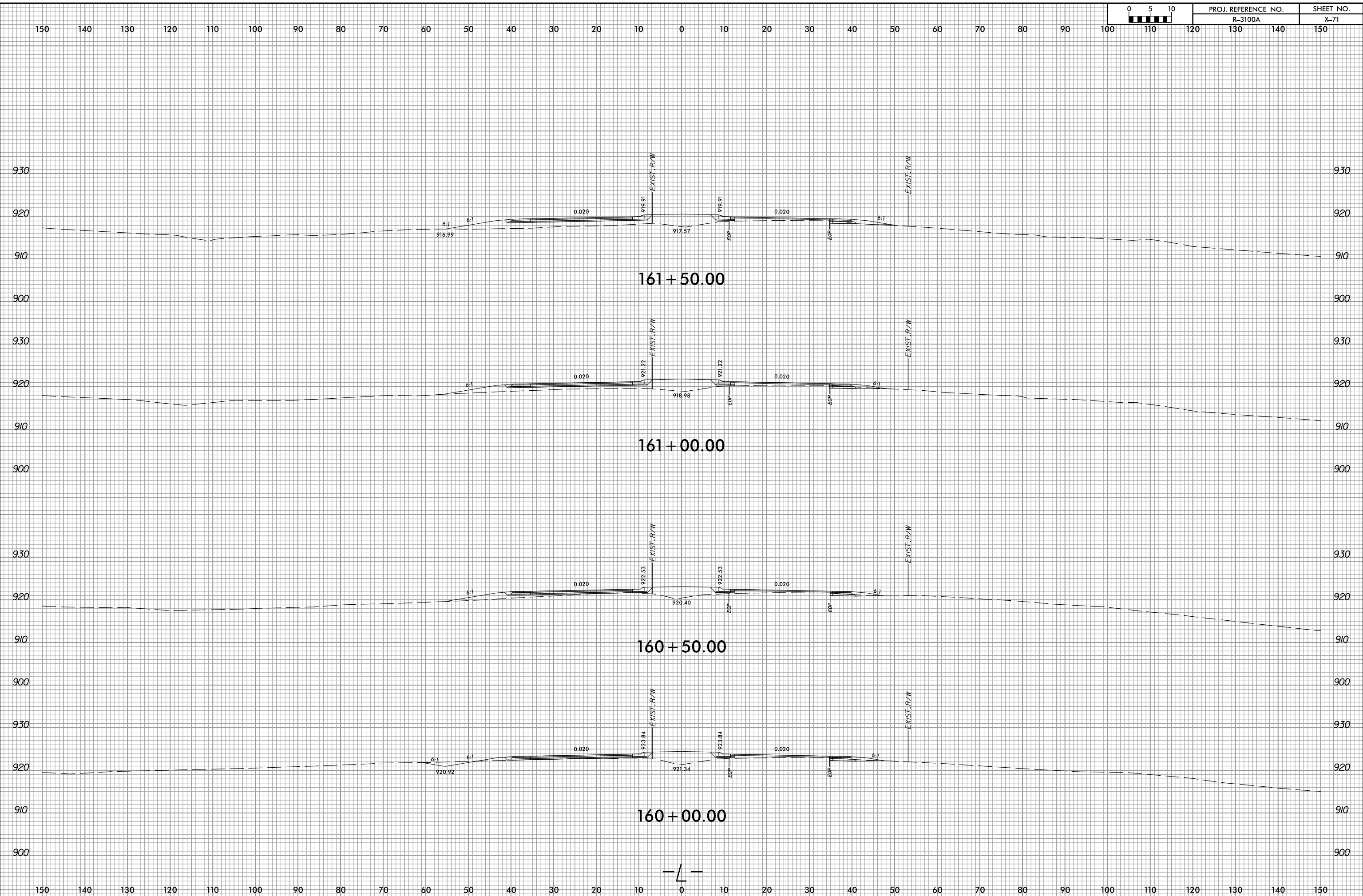
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X-70

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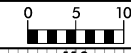


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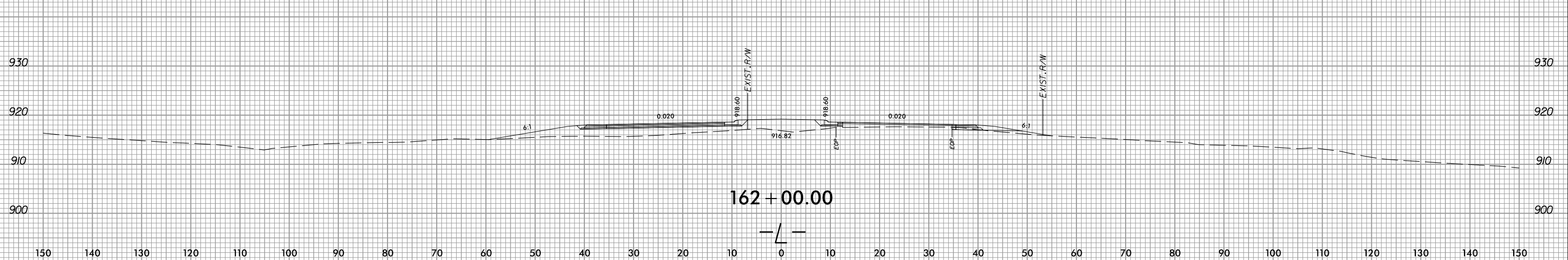
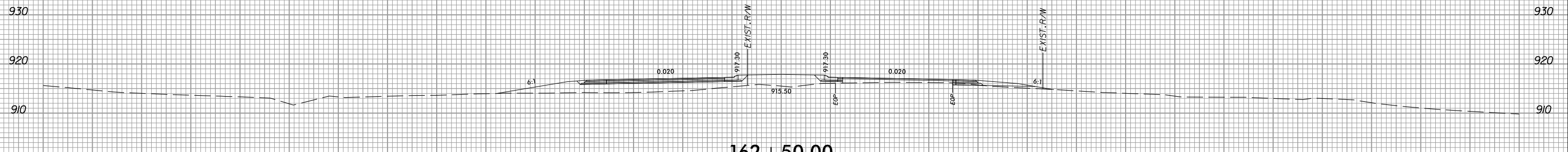
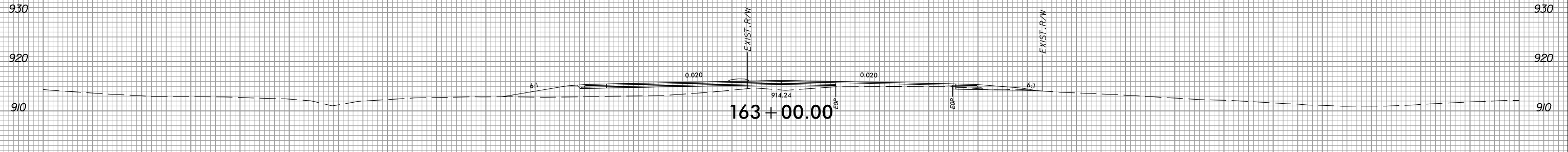
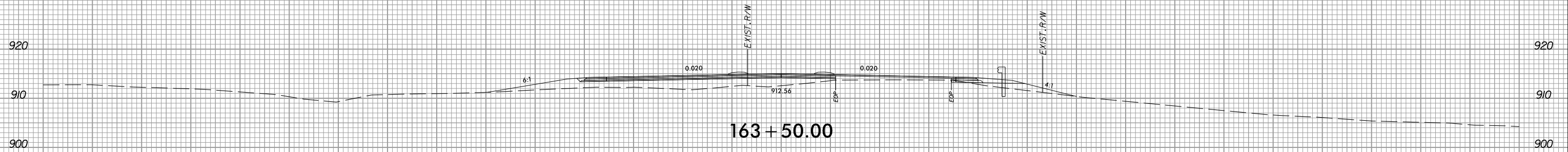
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PROJ. REFERENCE NO.  
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SHEET NO.  
X-72

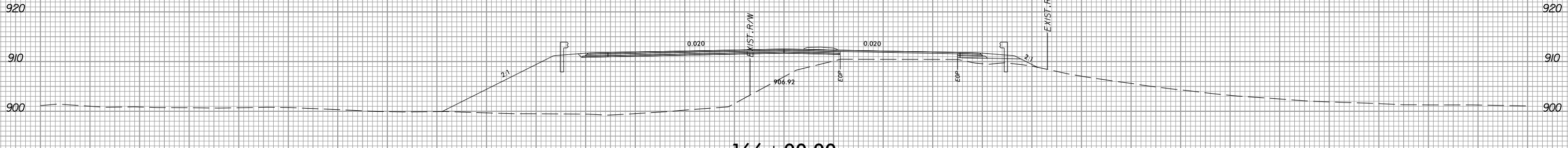
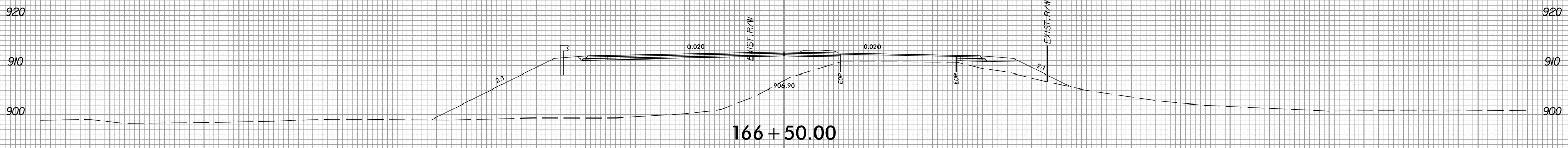
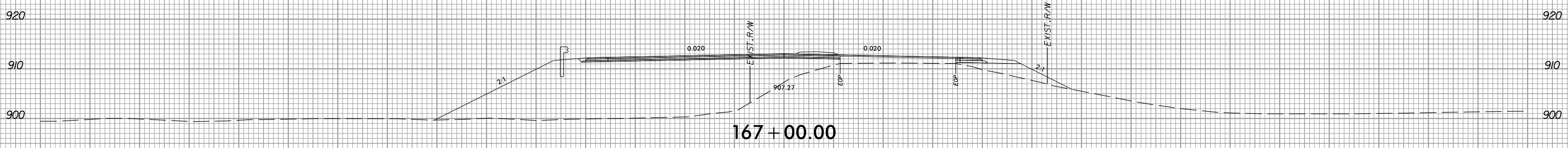
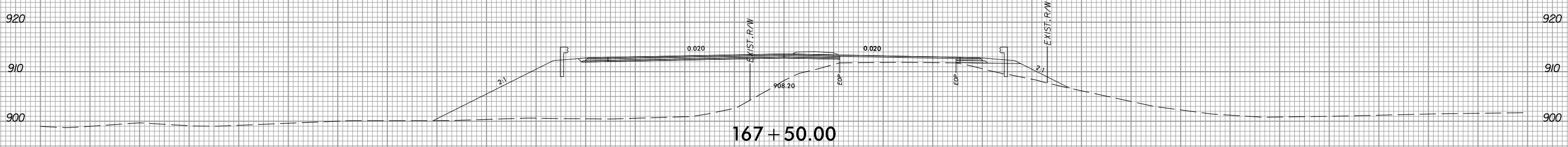
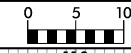
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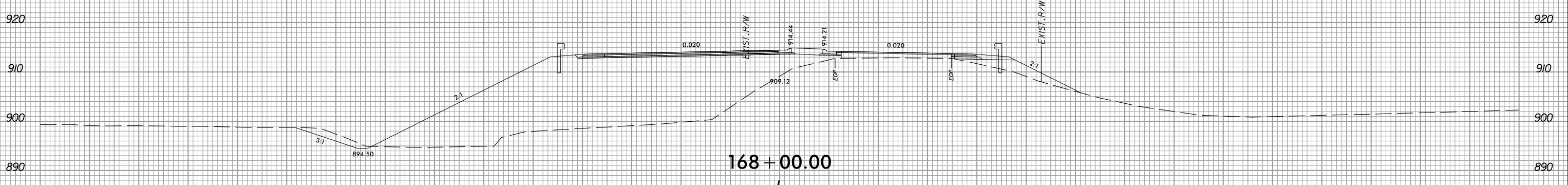
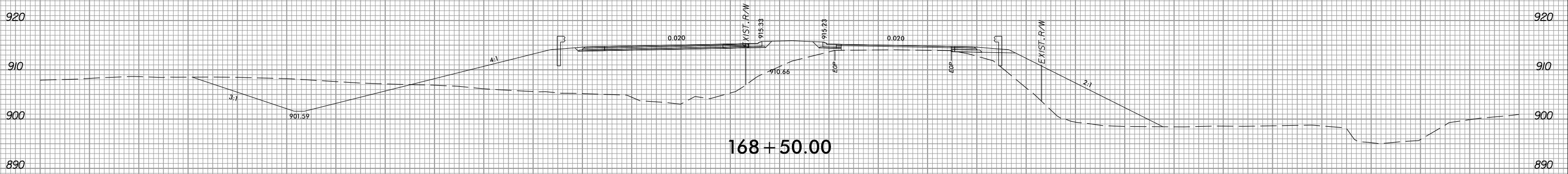
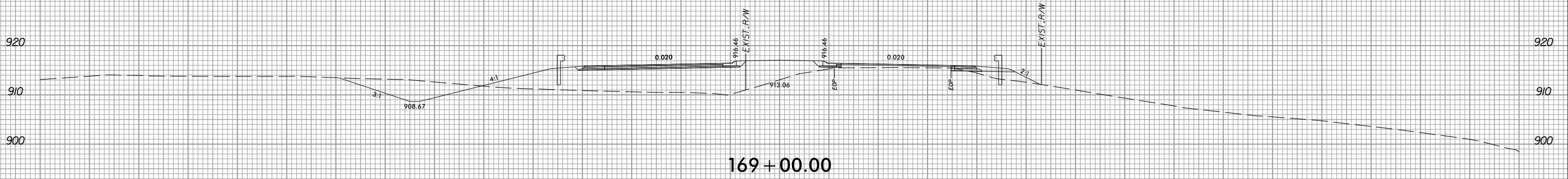
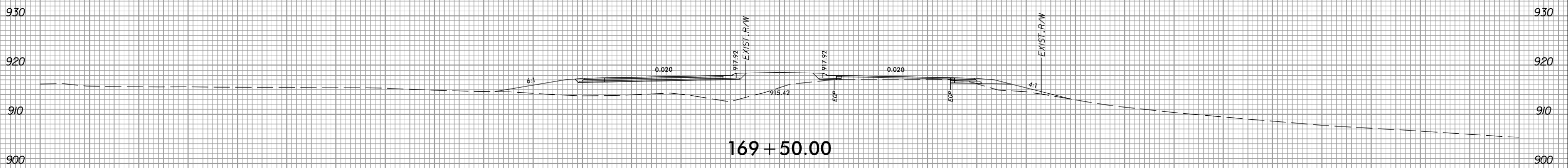




PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-75

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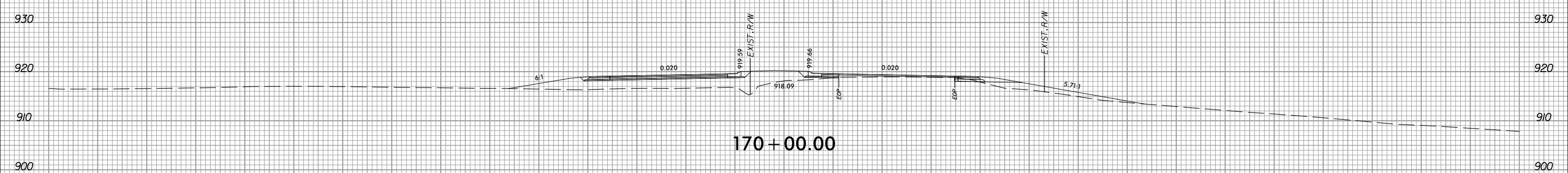
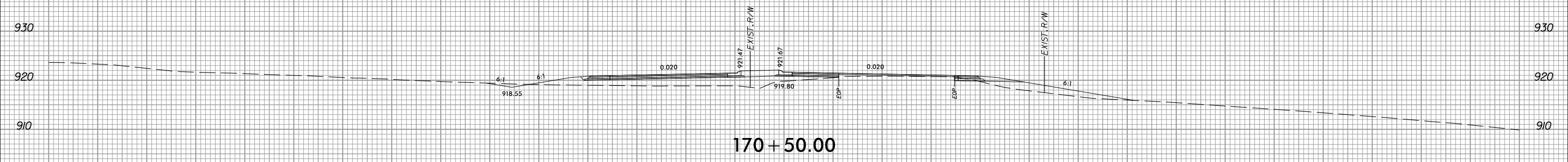
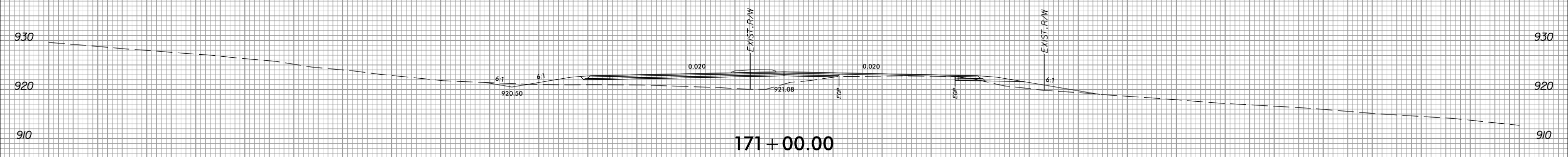
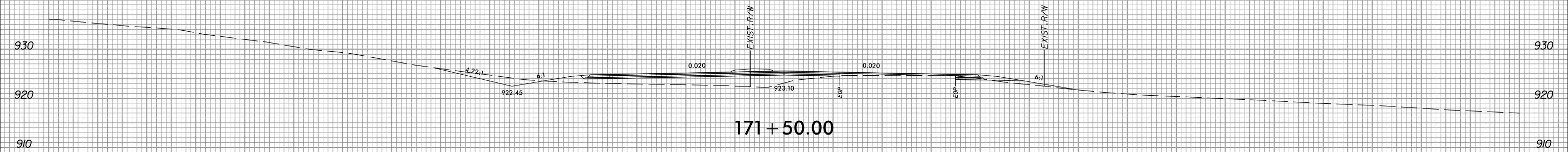


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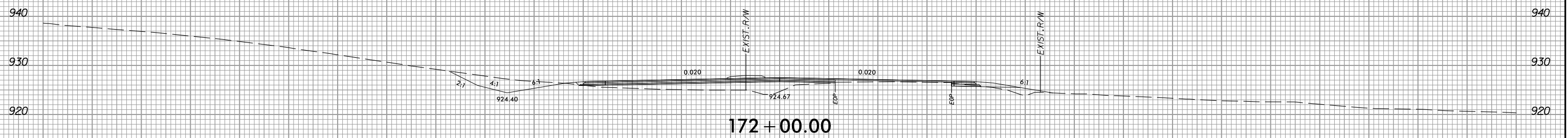
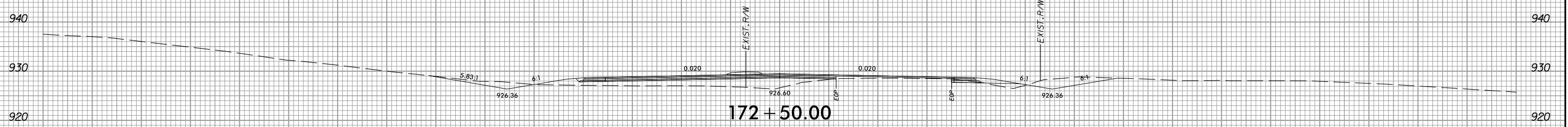
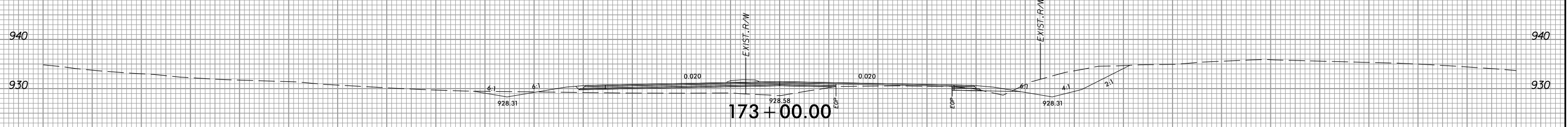
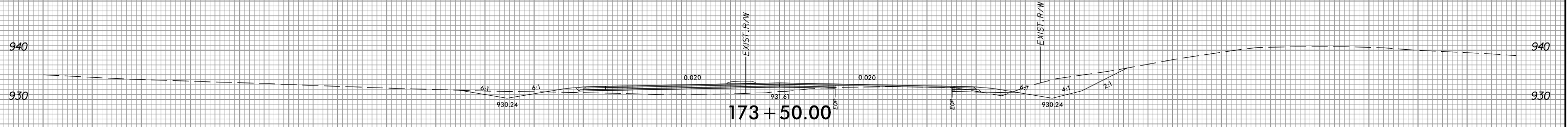
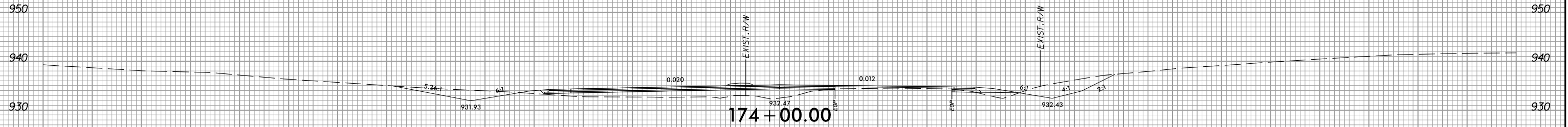
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PROJ. REFERENCE NO.  
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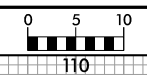
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X-77

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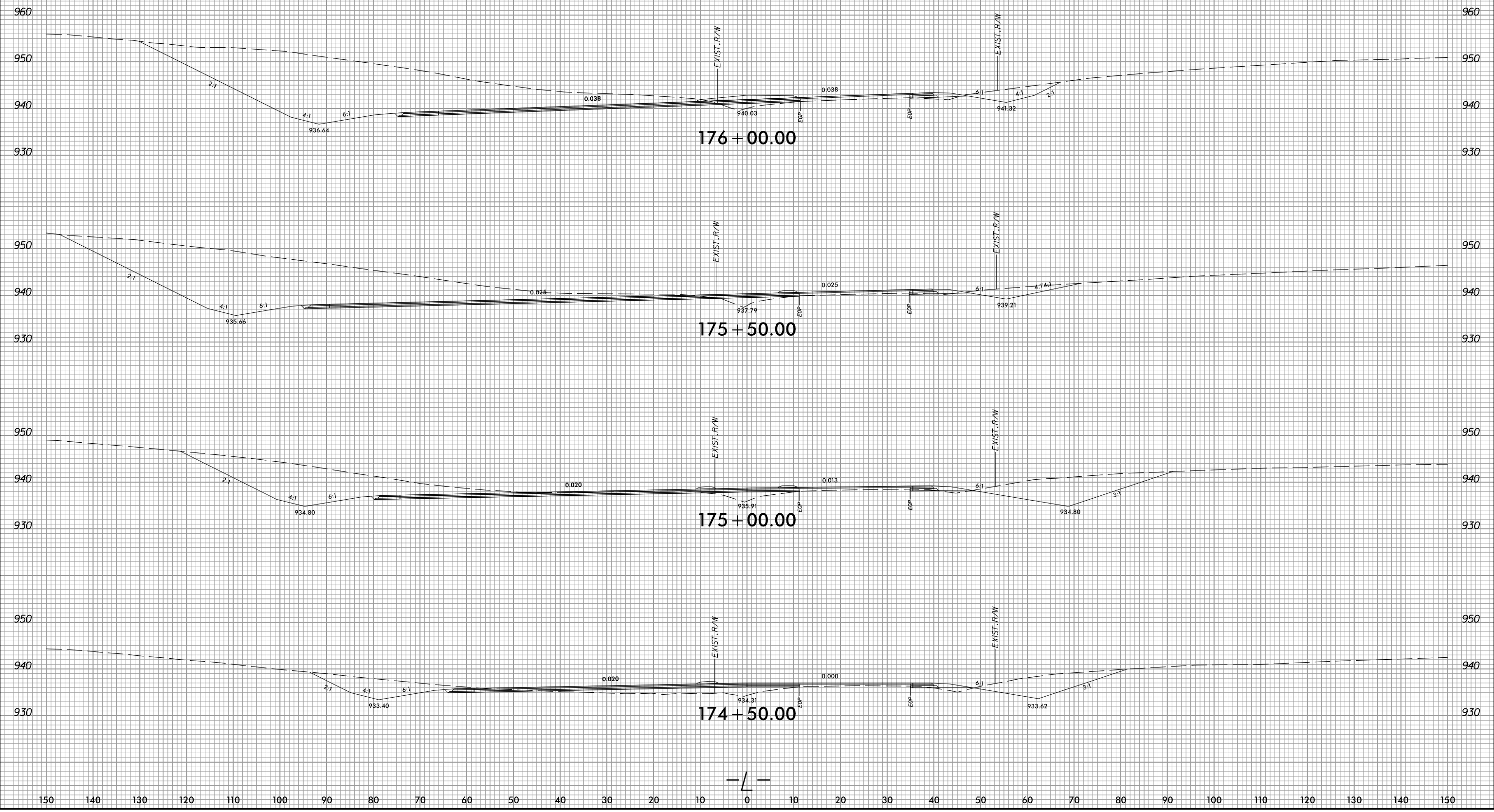


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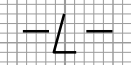
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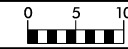


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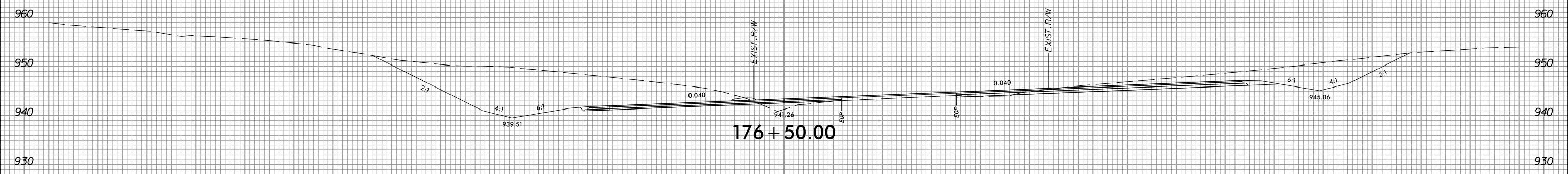
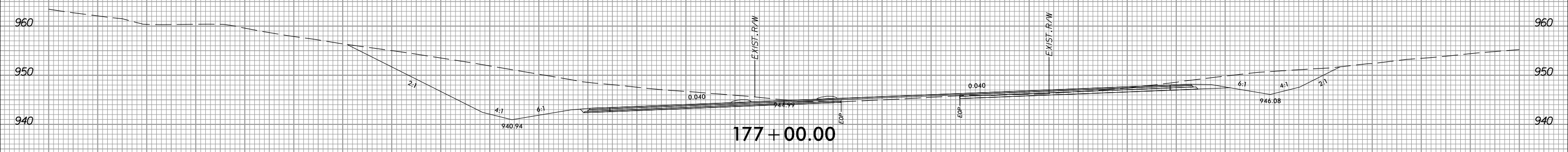
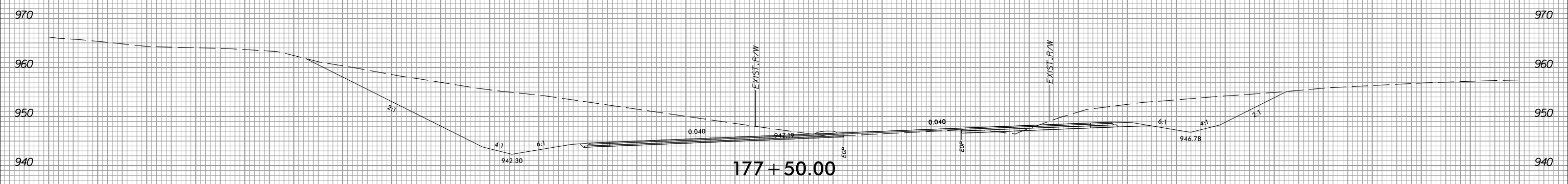
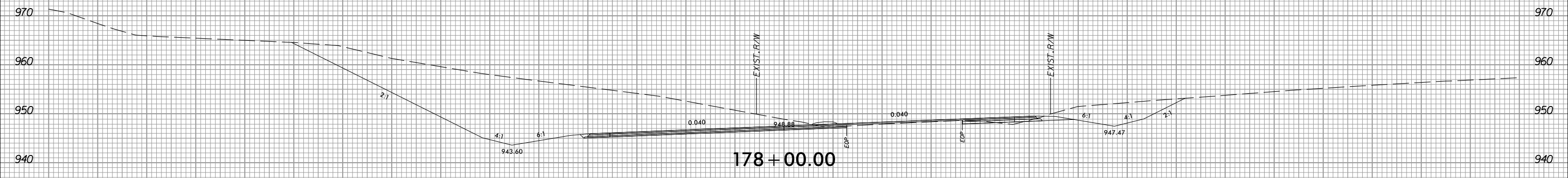




PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-79

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9:42:49 AM

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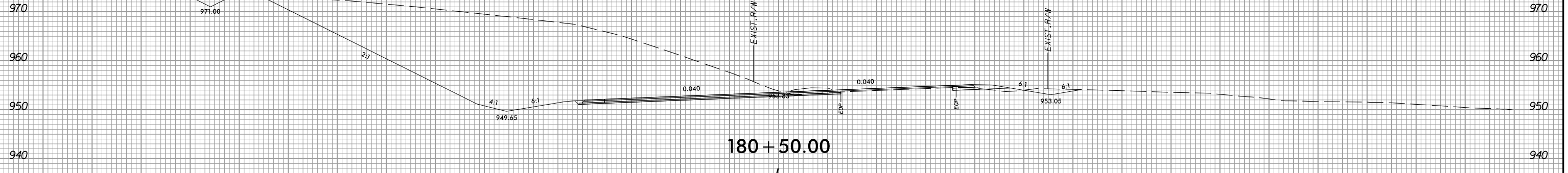
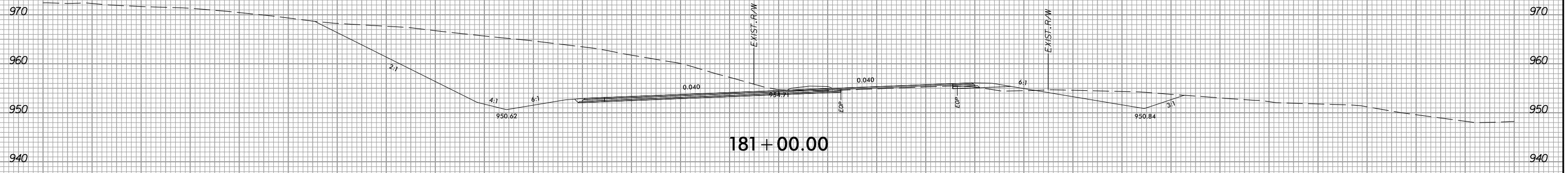
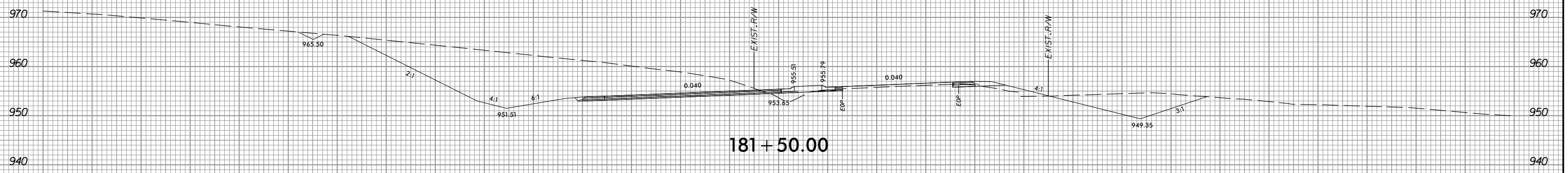
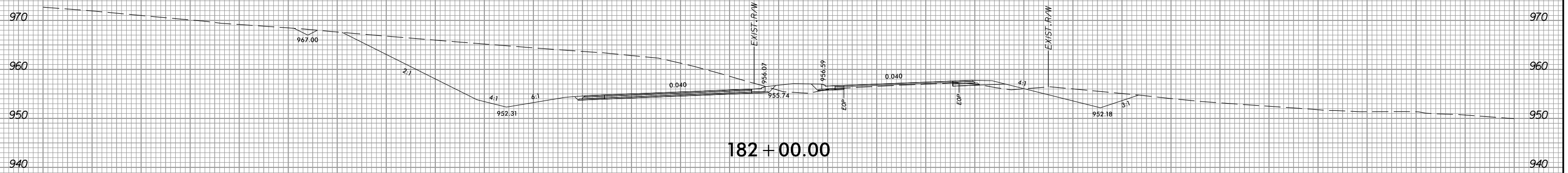




PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-81

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9:42:51 AM

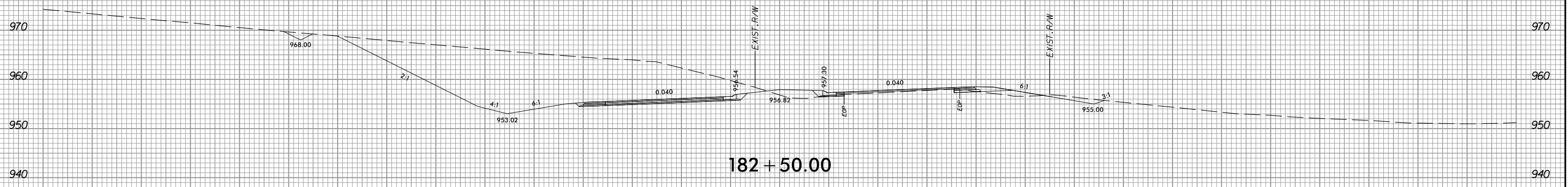
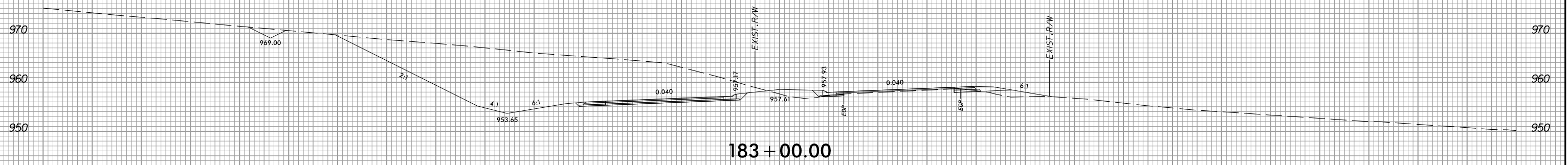
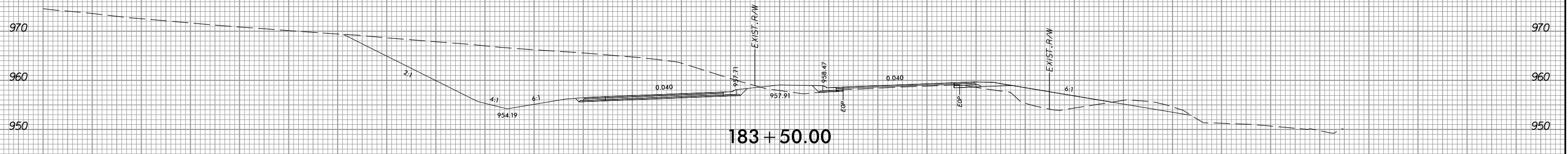
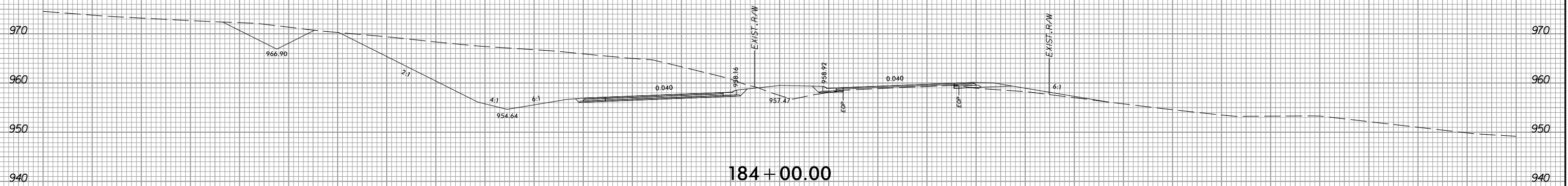




PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-82

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5:00:20 AM  
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9:42:52 AM

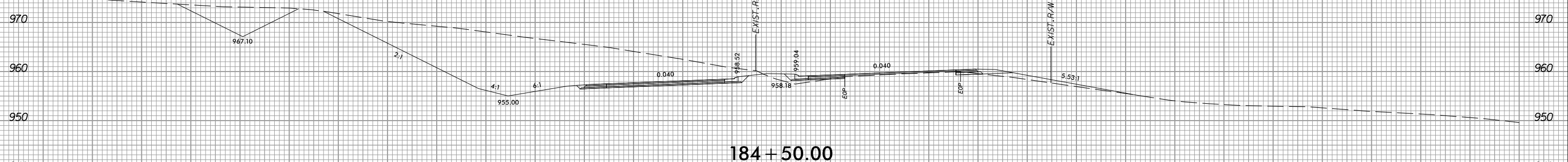
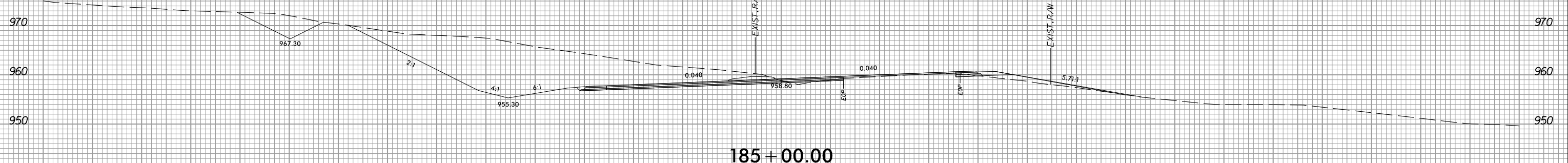
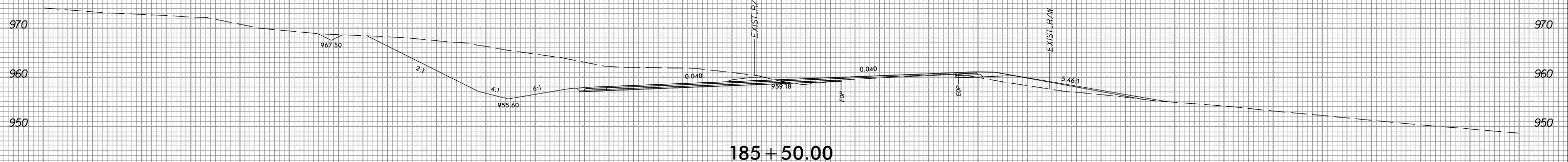
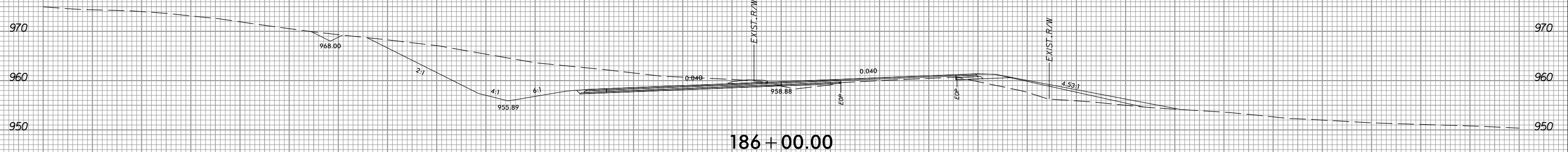
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PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-83

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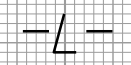
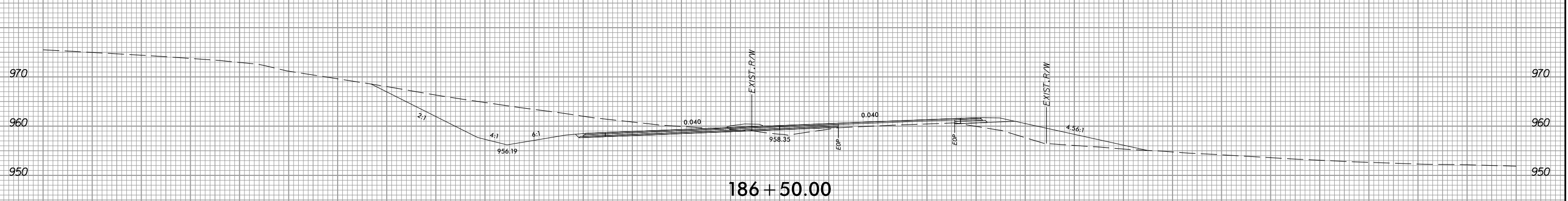
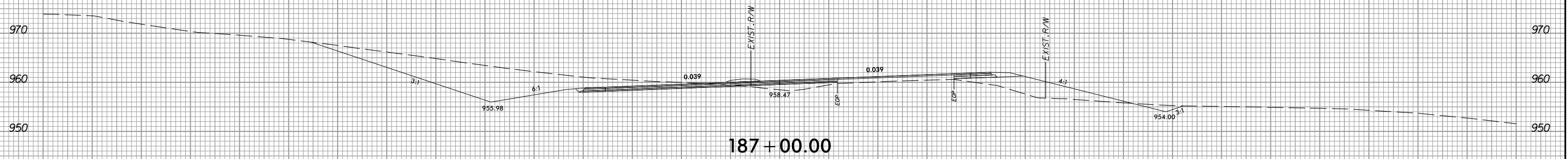
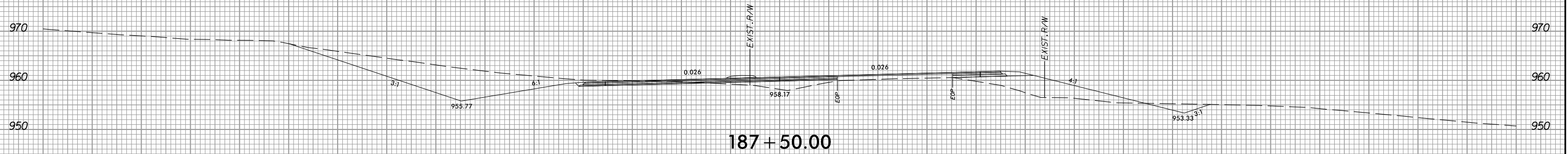
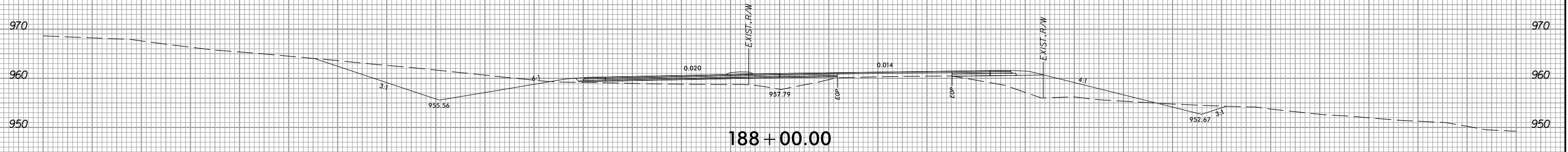
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PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-84

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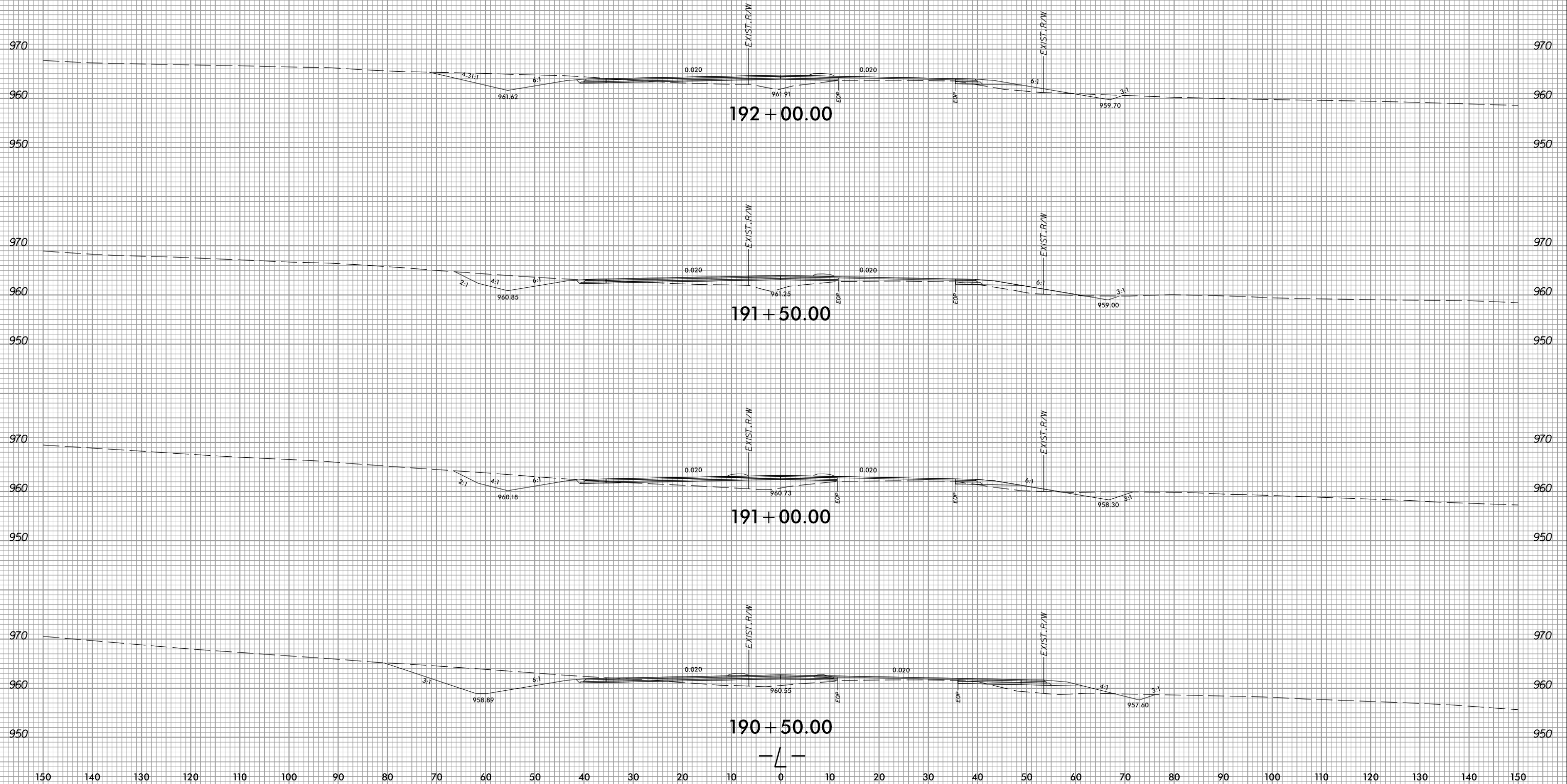




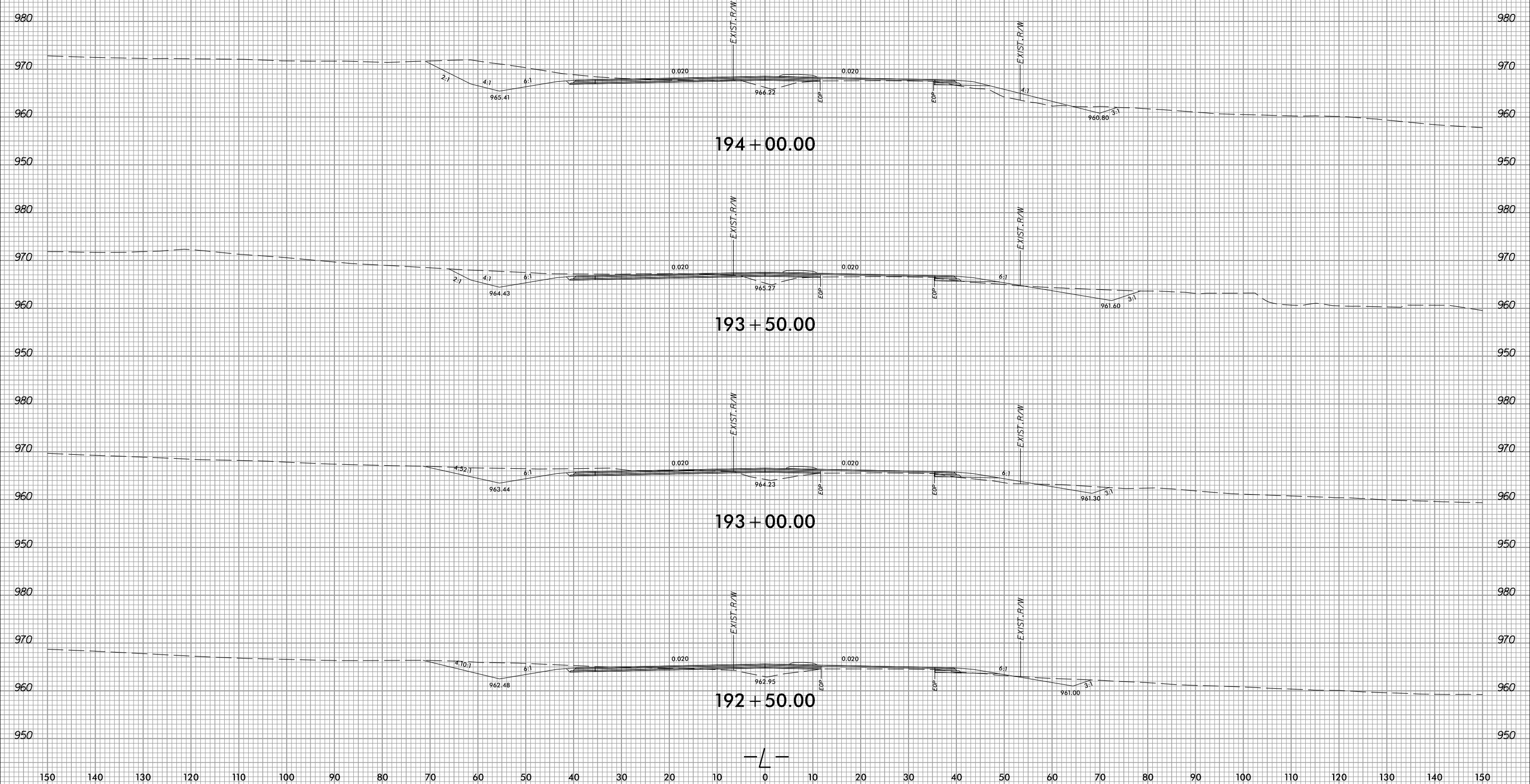
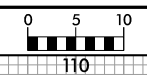
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SHEET NO.  
X-86

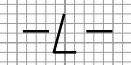
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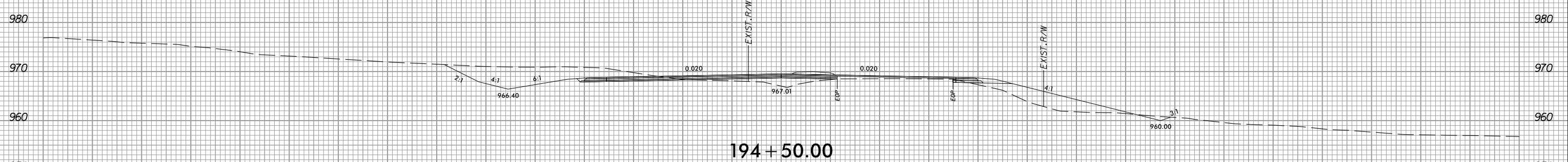
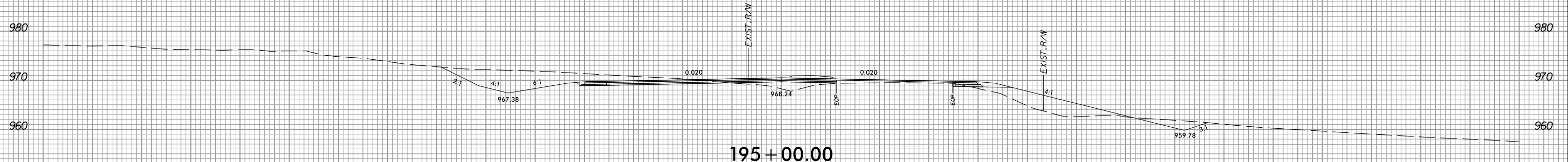
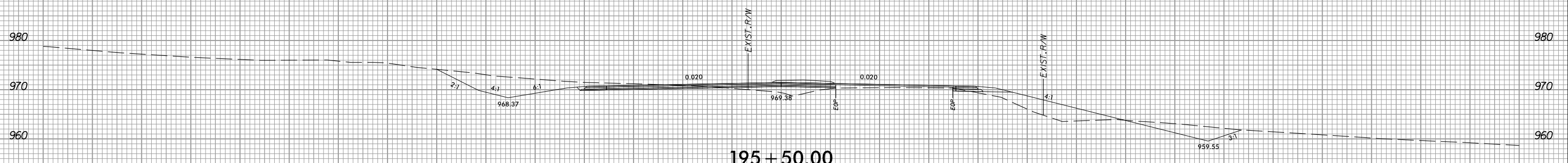
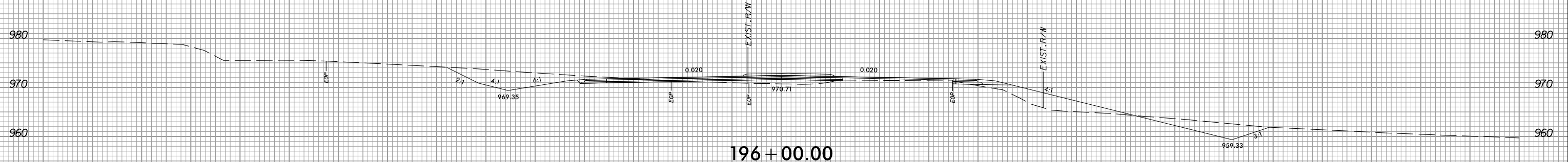




PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-88

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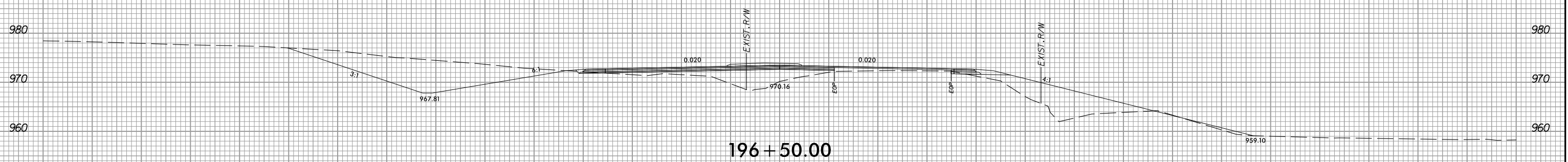
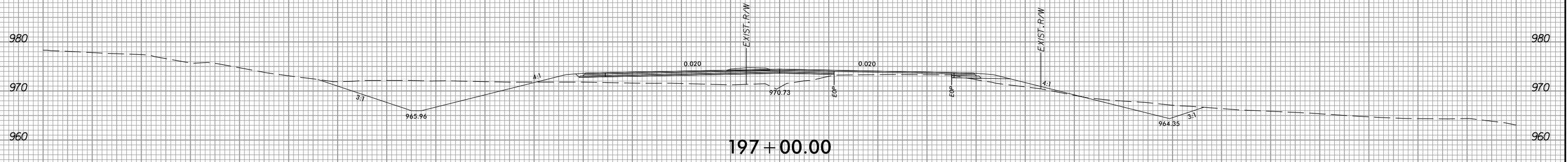
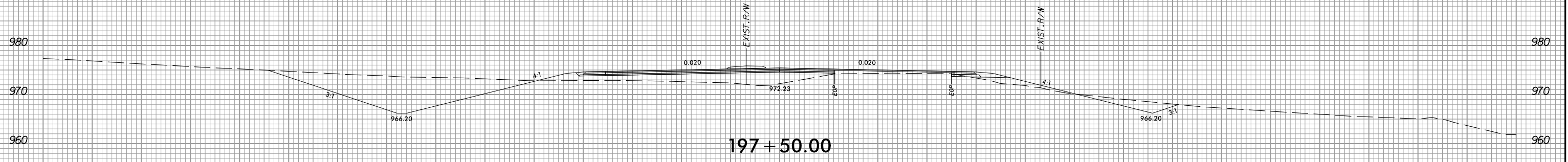
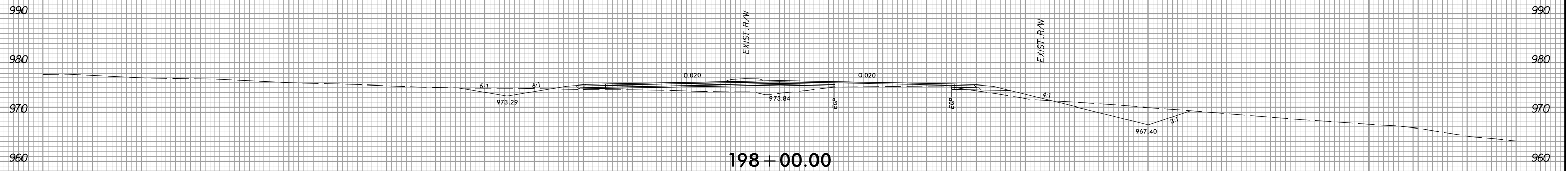
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PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-89

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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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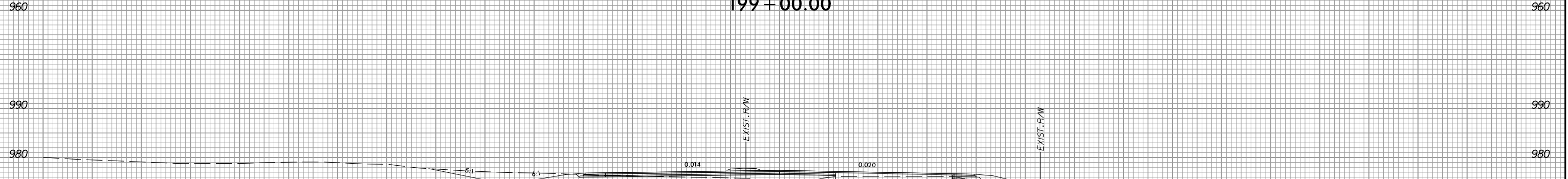
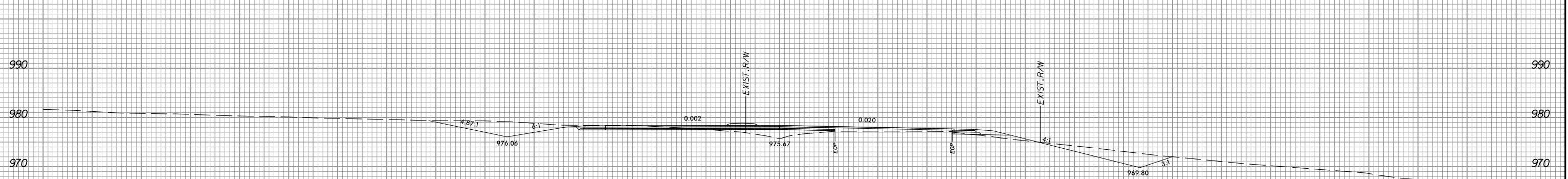
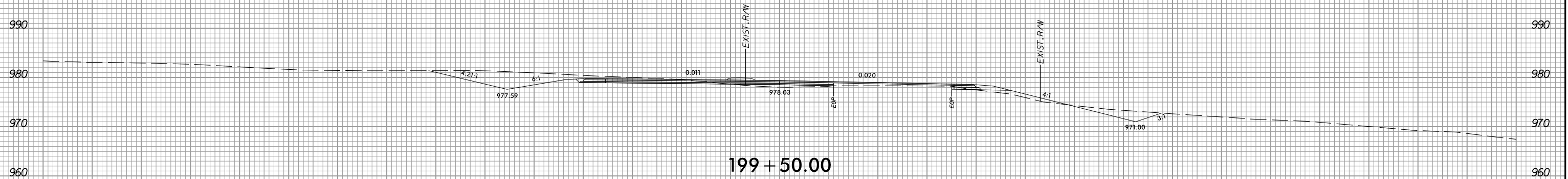
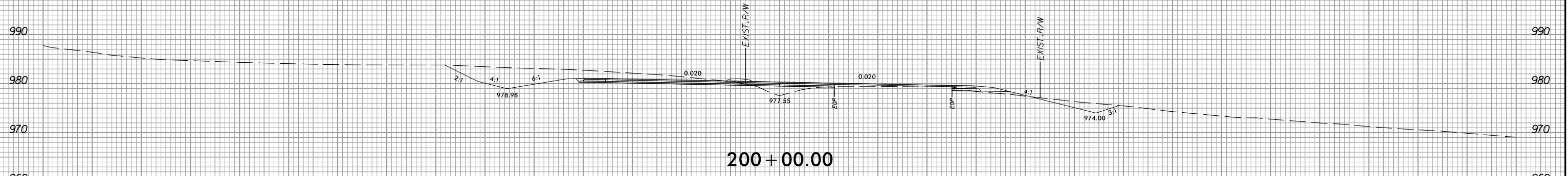




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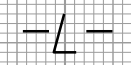
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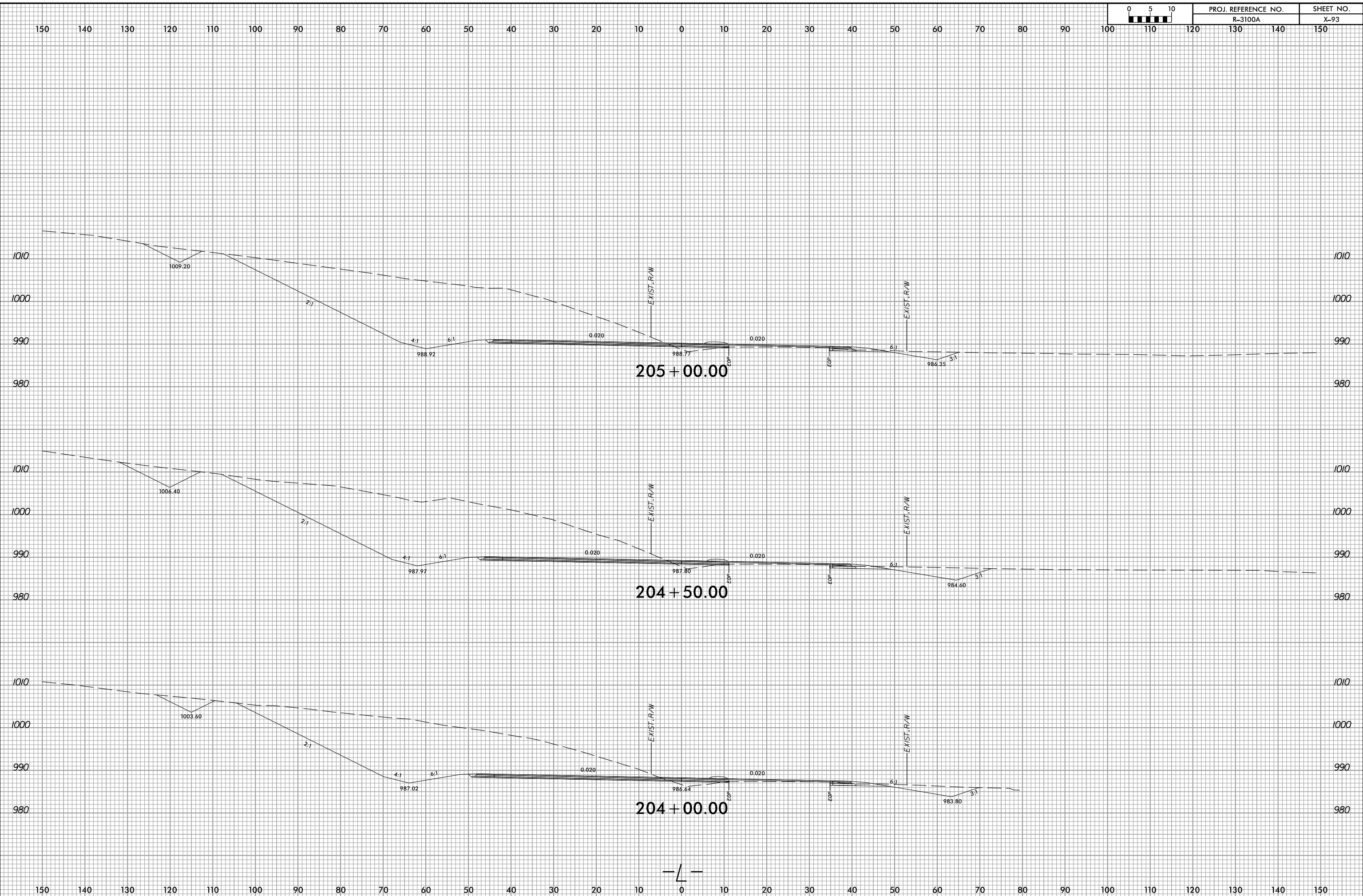
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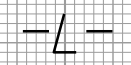








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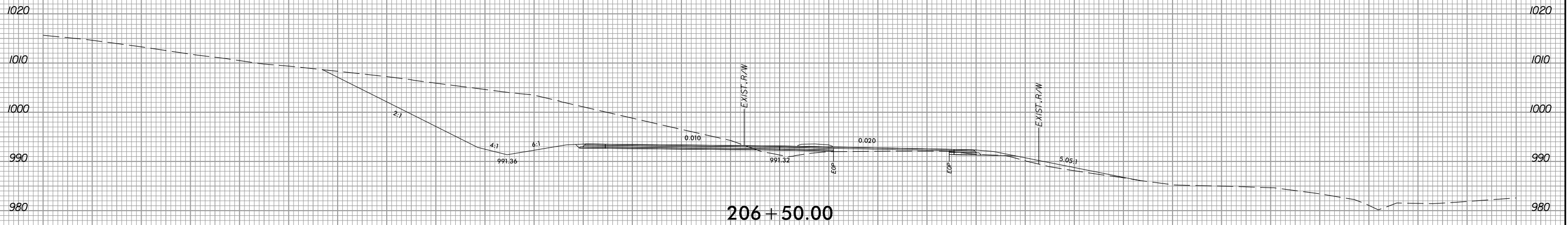




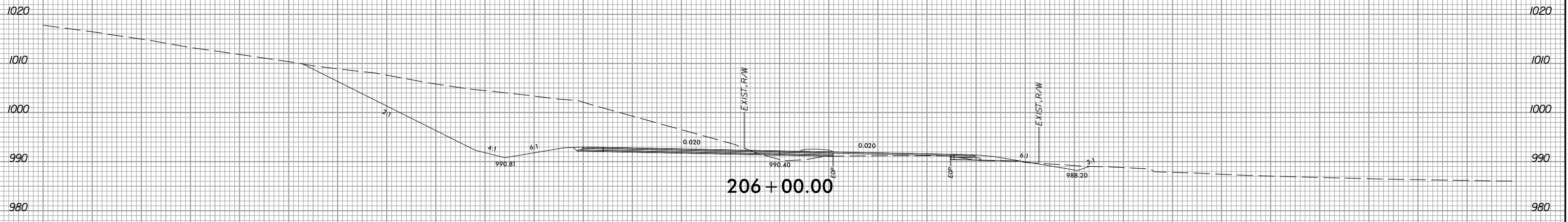
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SHEET NO.  
X-94

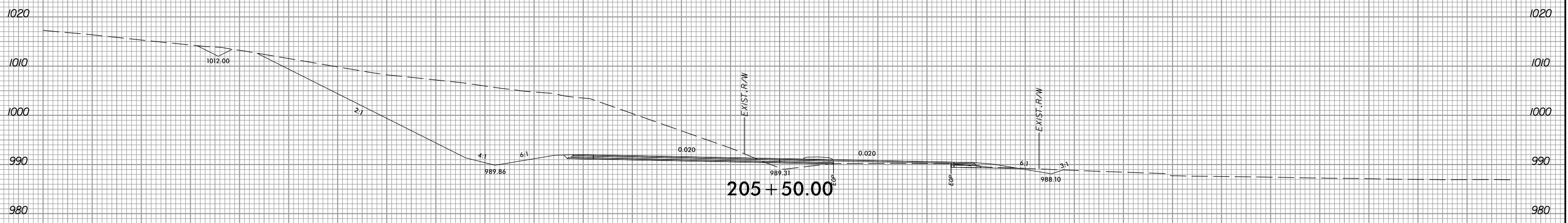
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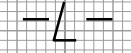
206 + 50.00



206 + 00.00

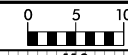


205 + 50.00

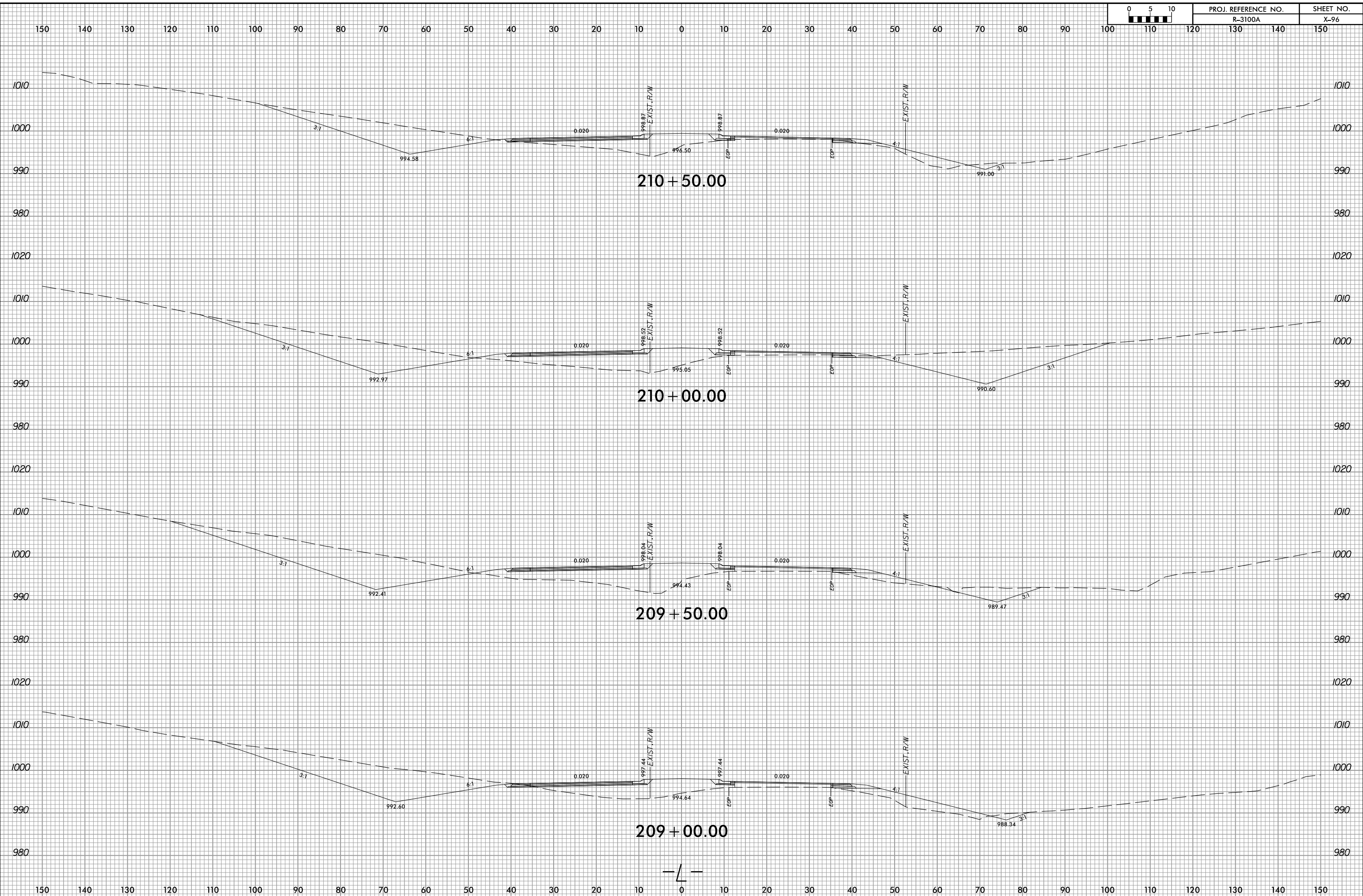


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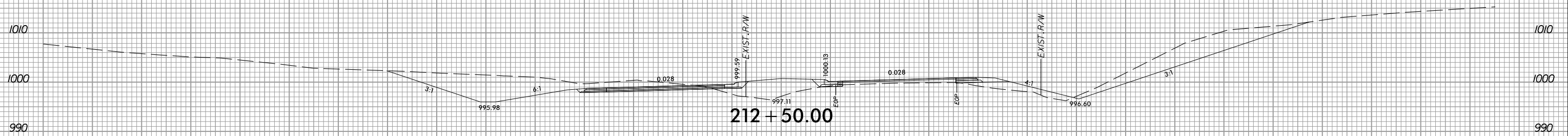




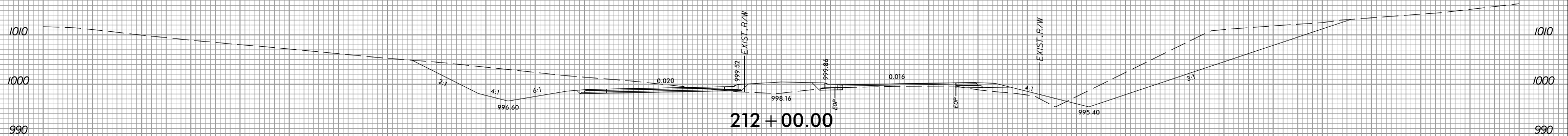
PROJ. REFERENCE NO.	SHEET NO.
R-3100A	X-96



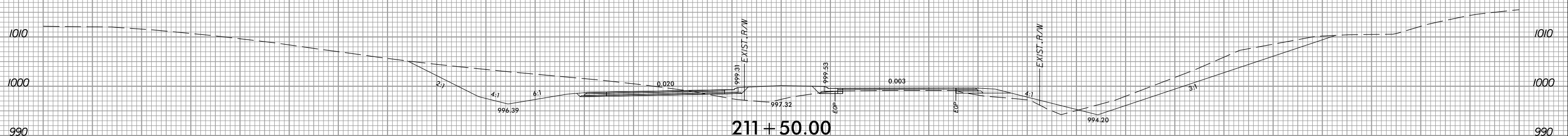
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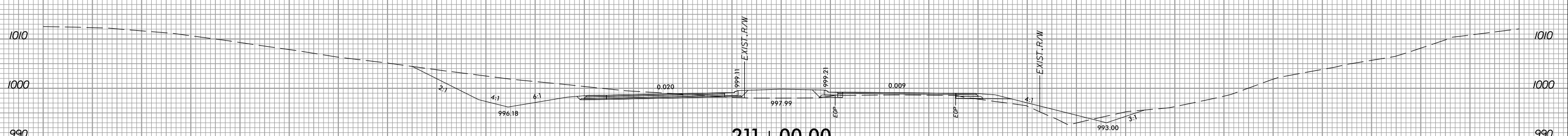
212 + 50.00



212 + 00.00

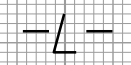


211 + 50.00



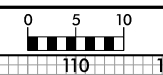
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5/20/2017  
Xsc\X\1\3100A\_rdy\_xpl.L.dgn  
9:43:07 AM

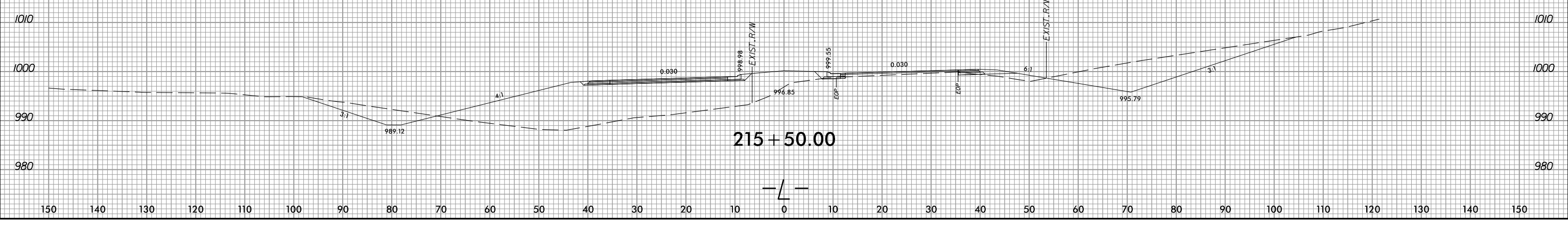
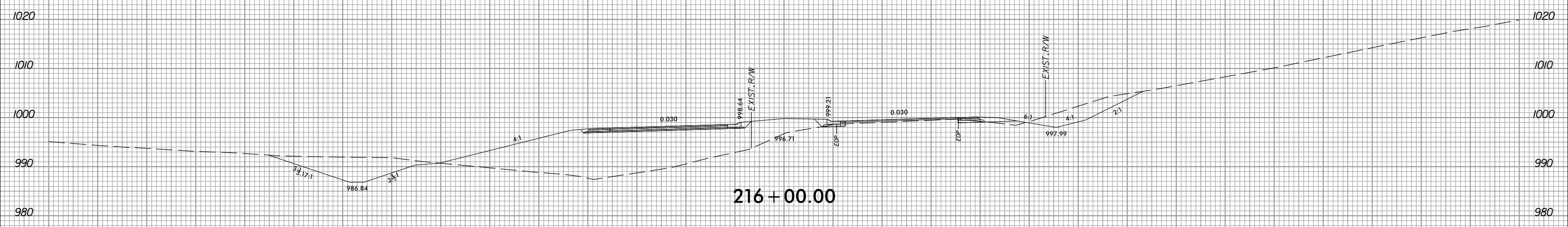
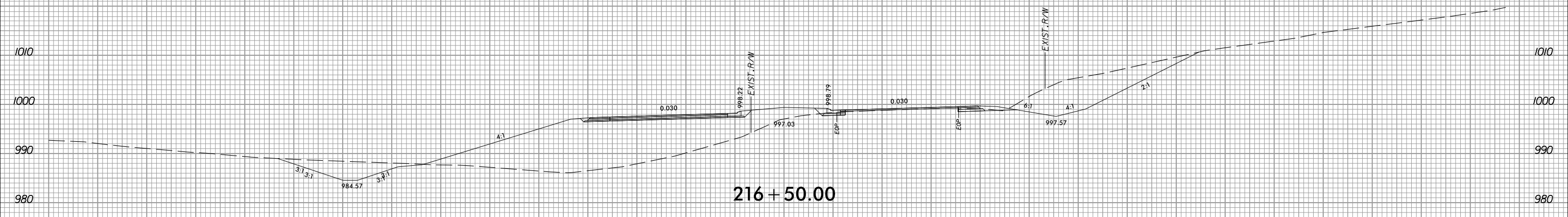






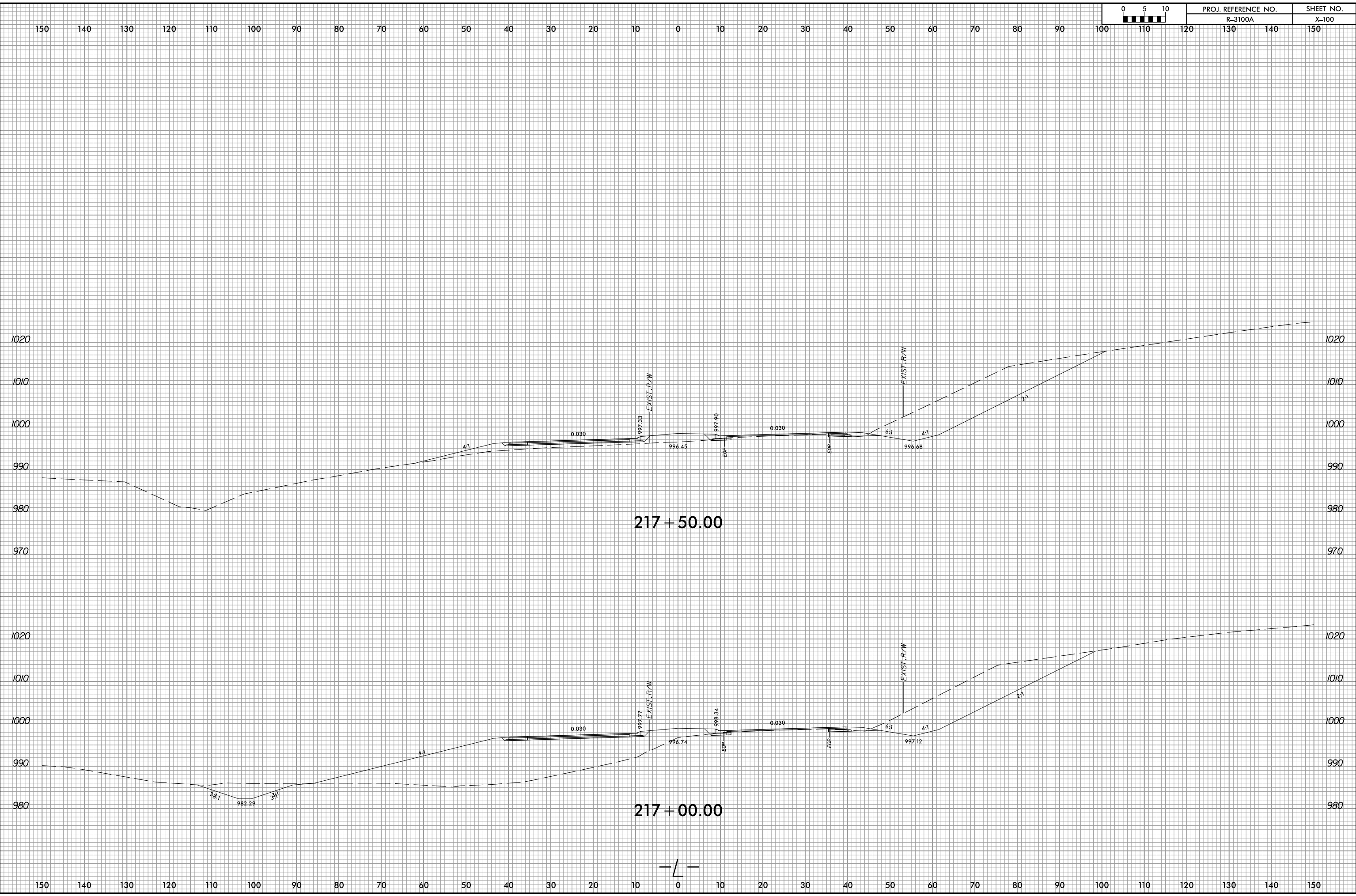
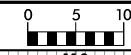


150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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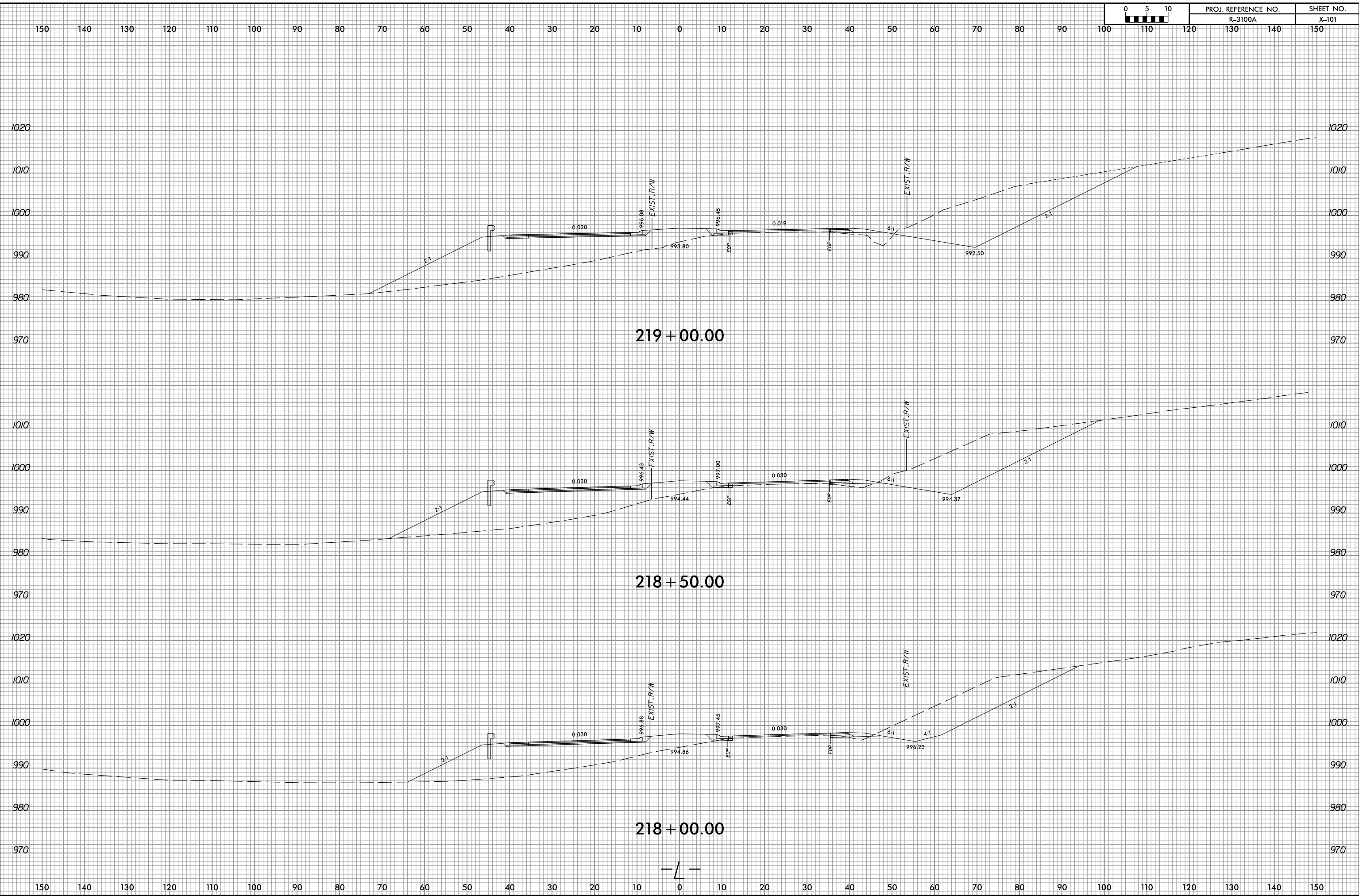


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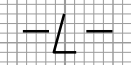
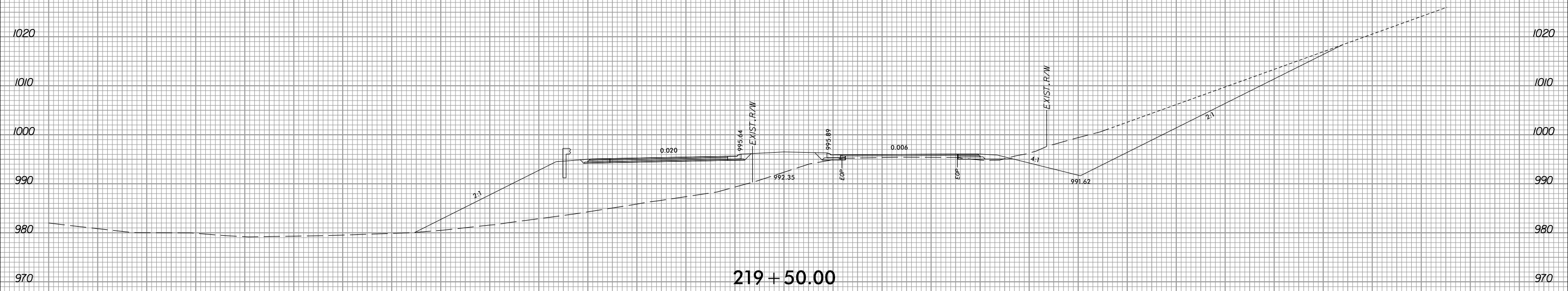
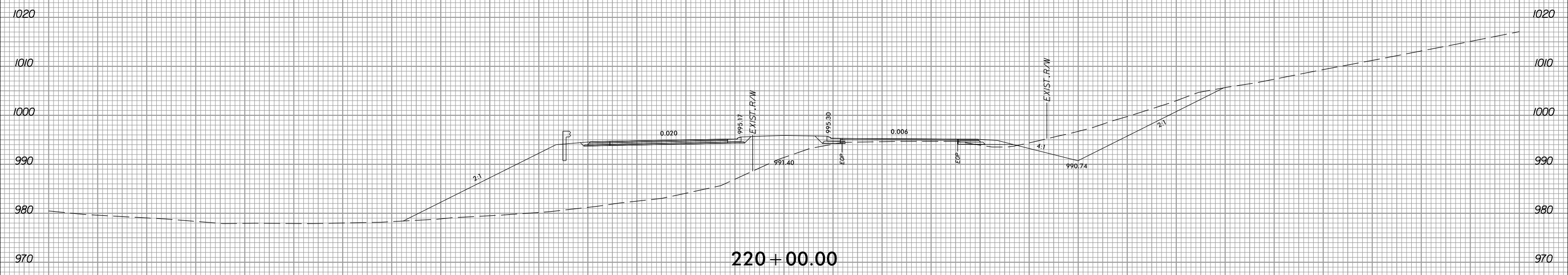
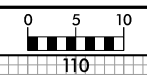


PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-101



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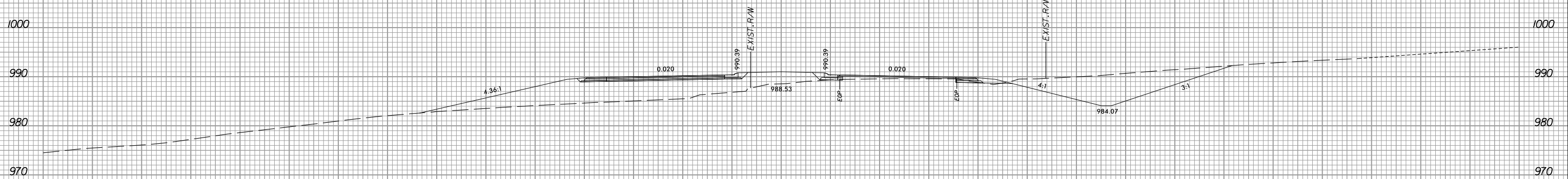
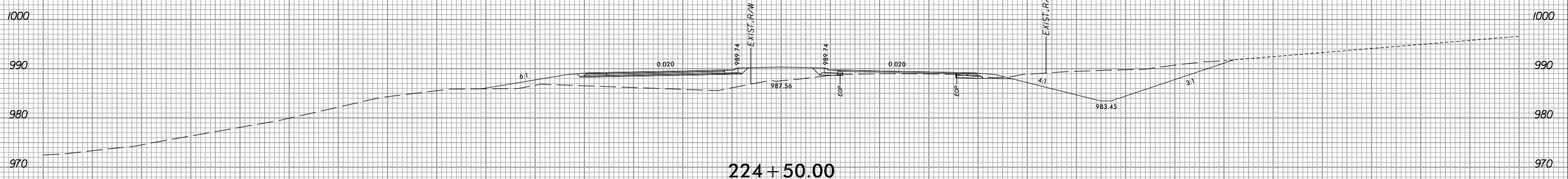
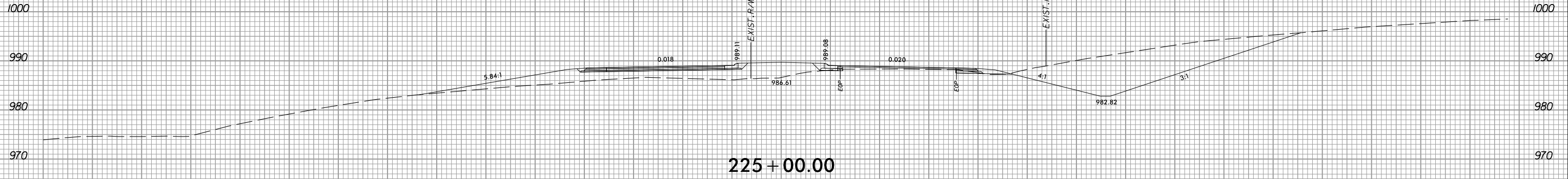






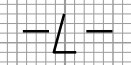


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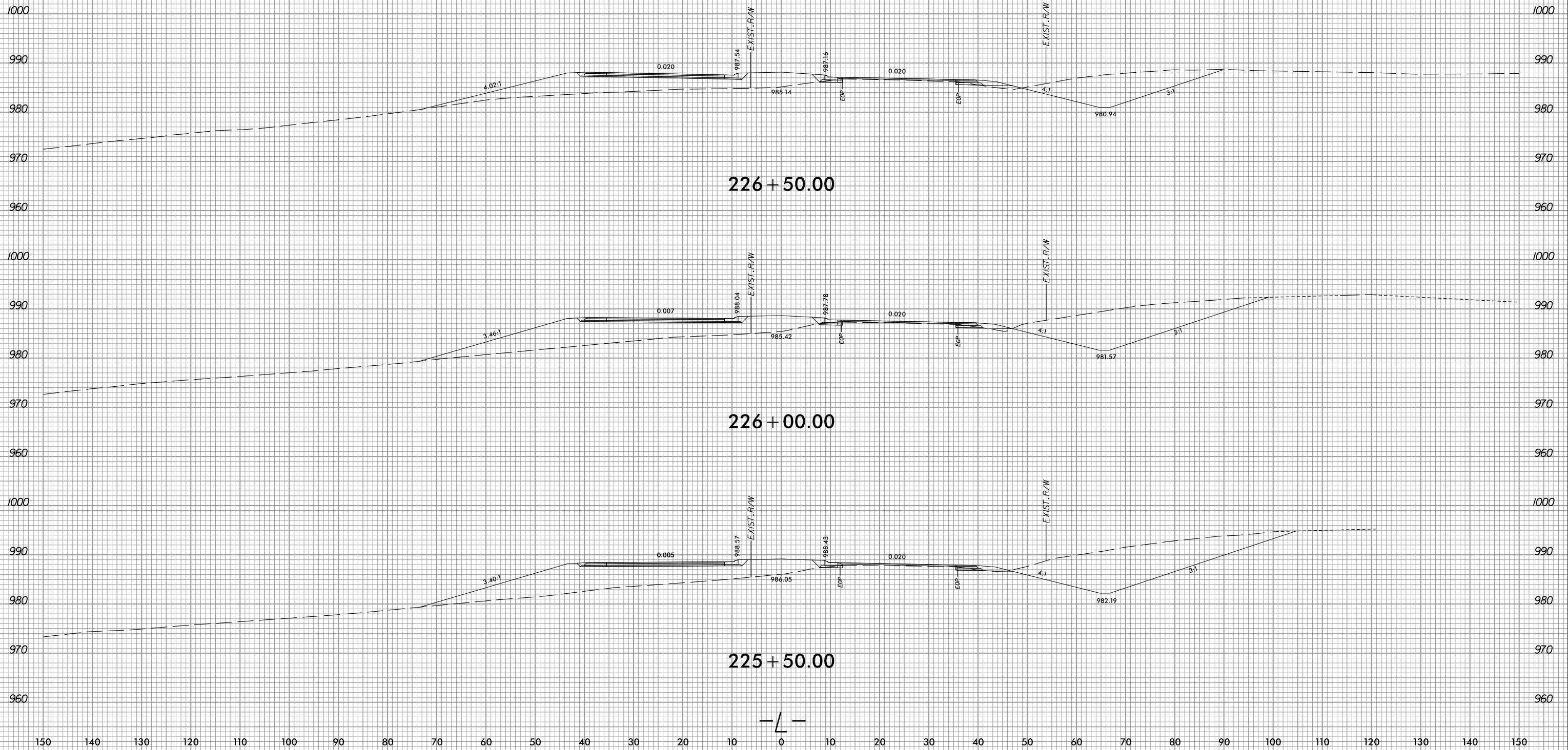


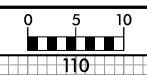
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9:43:14 AM

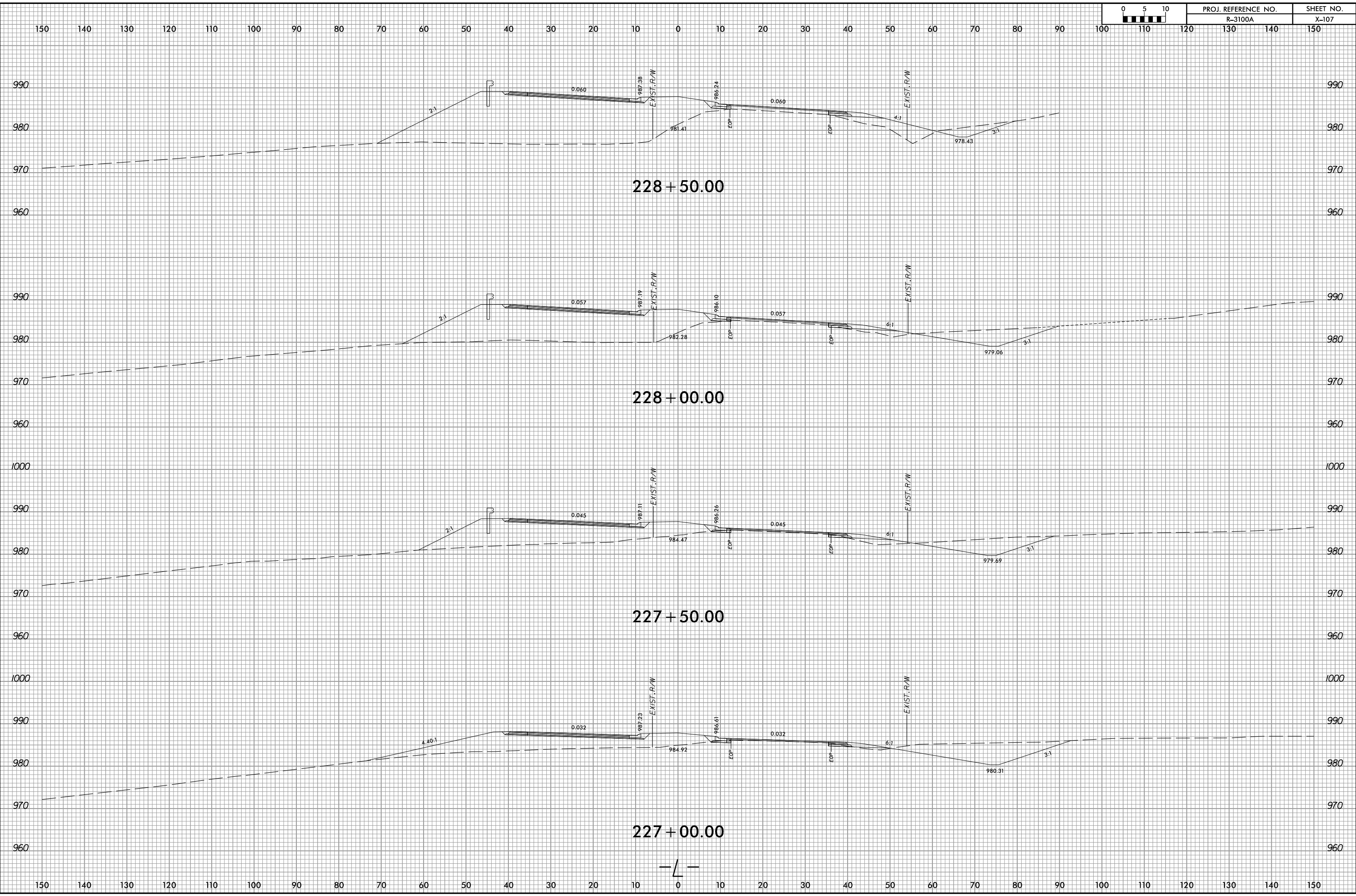




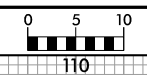




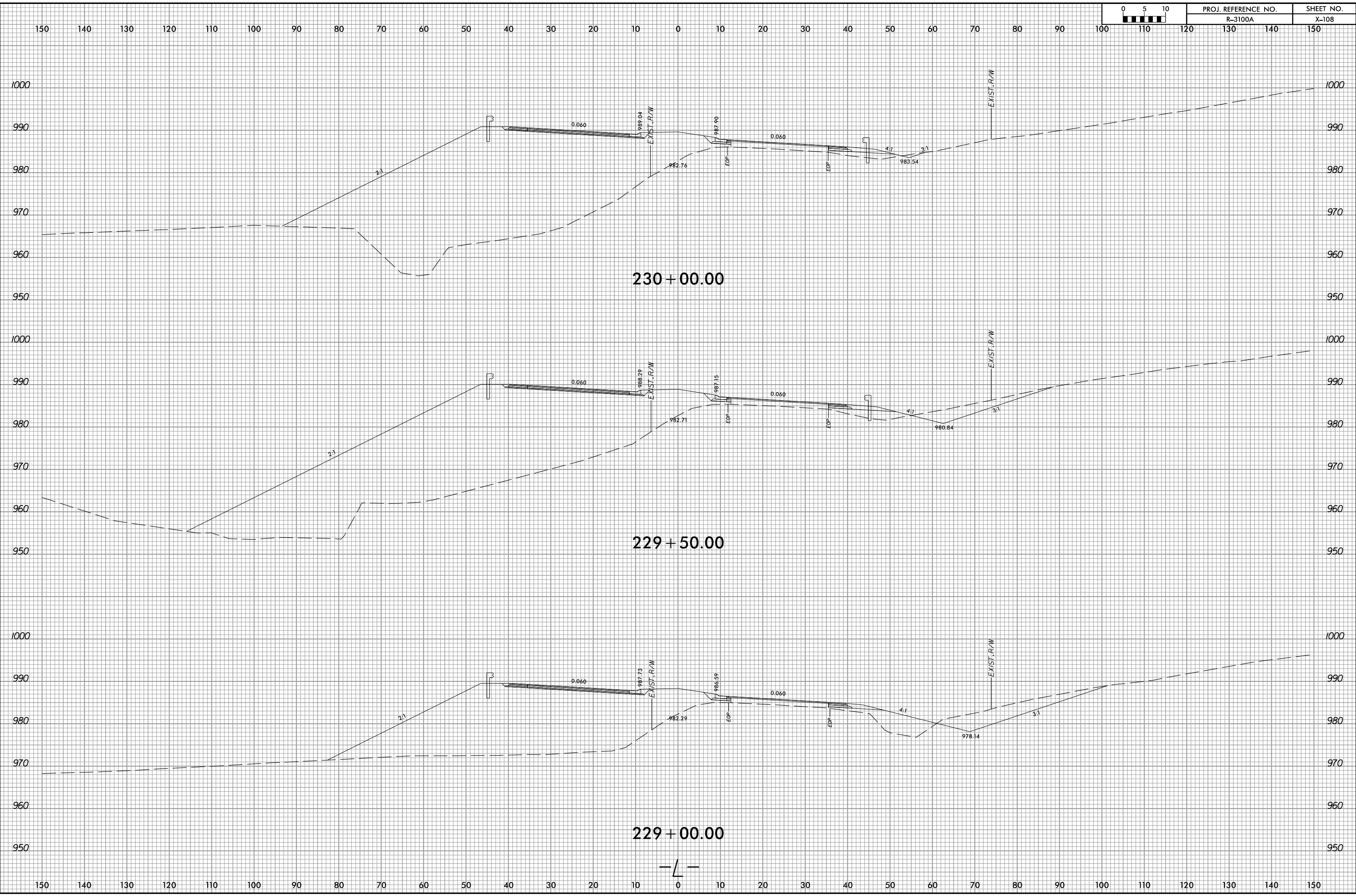
PROJ. REFERENCE NO.	SHEET NO.
R-3100A	X-107



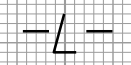
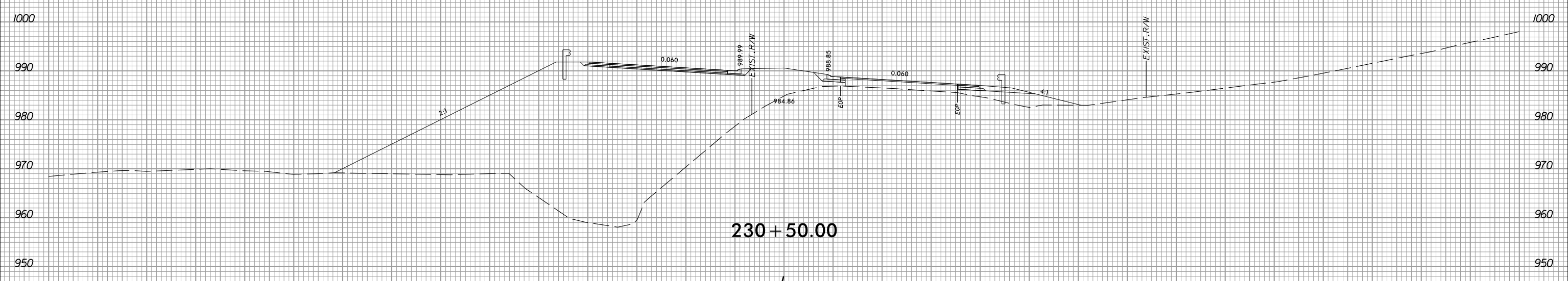
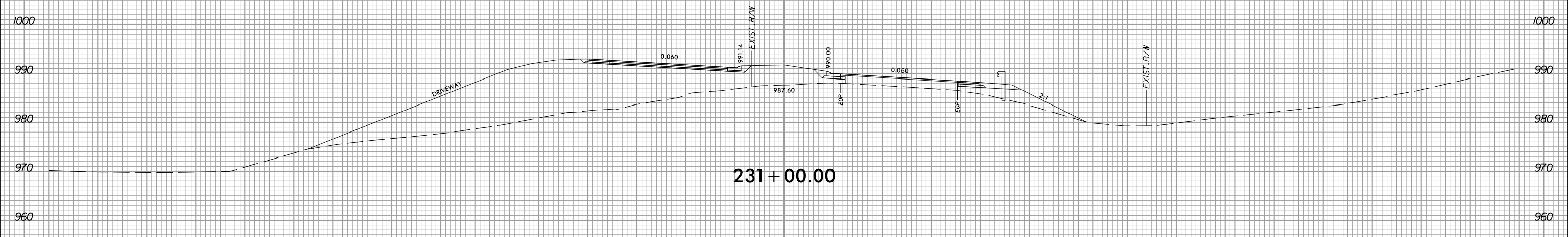
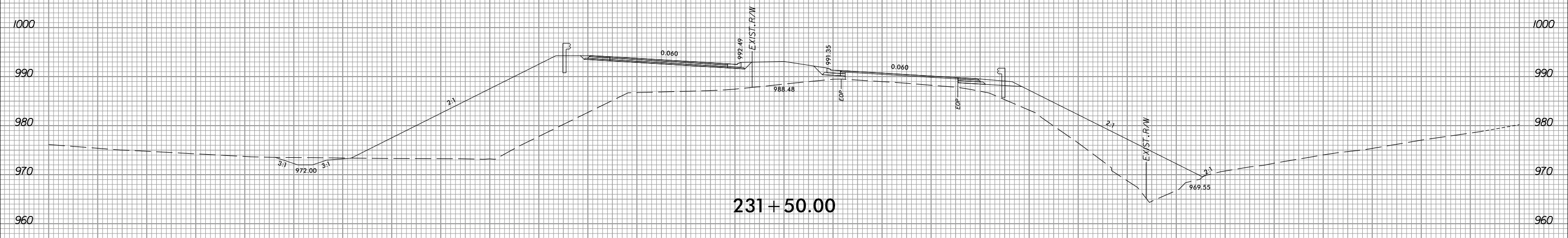
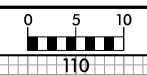
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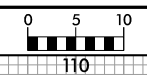
PROJ. REFERENCE NO.	SHEET NO.
R-3100A	X-108



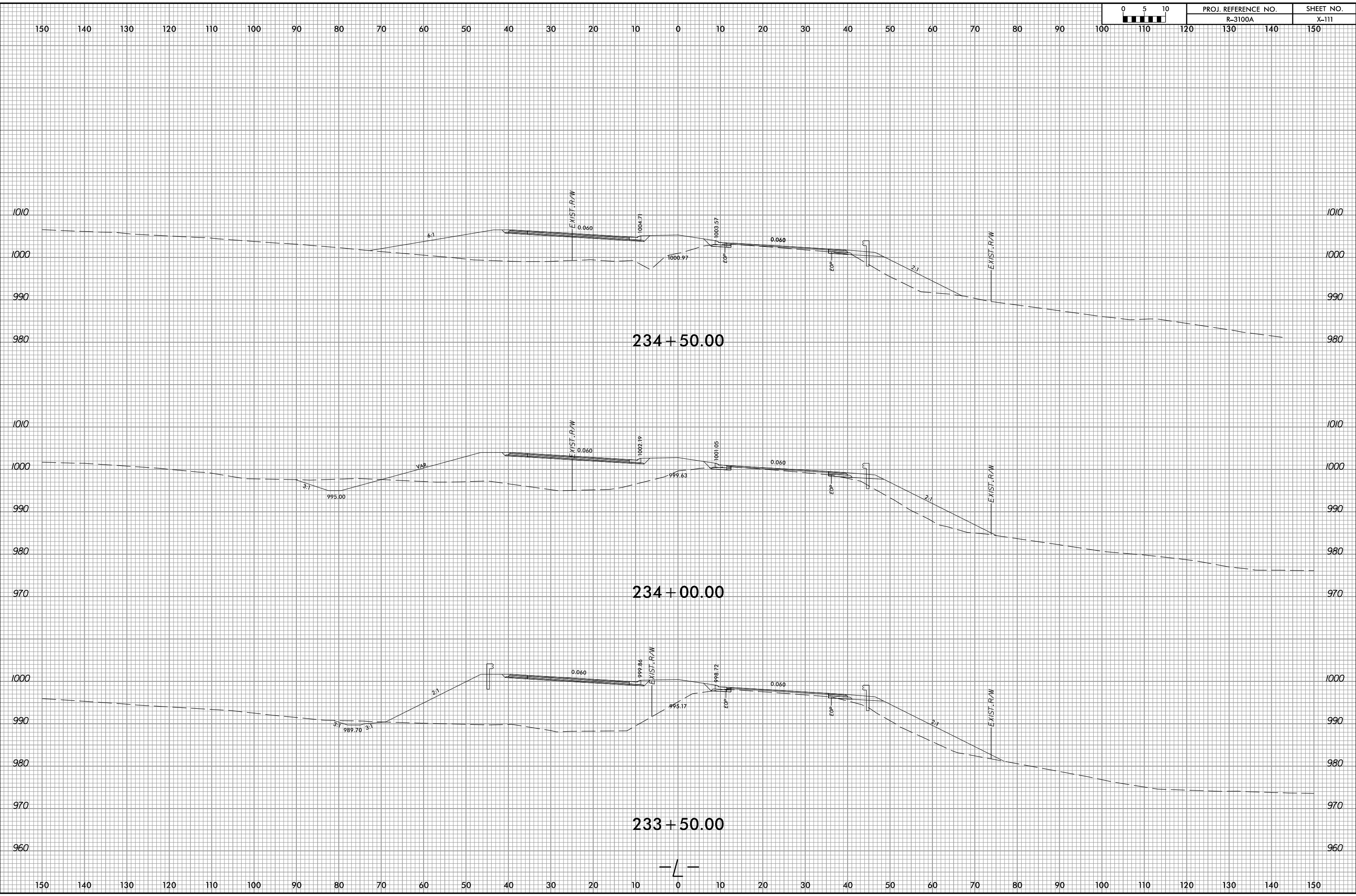
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PROJ. REFERENCE NO.	SHEET NO.
R-3100A	X-111



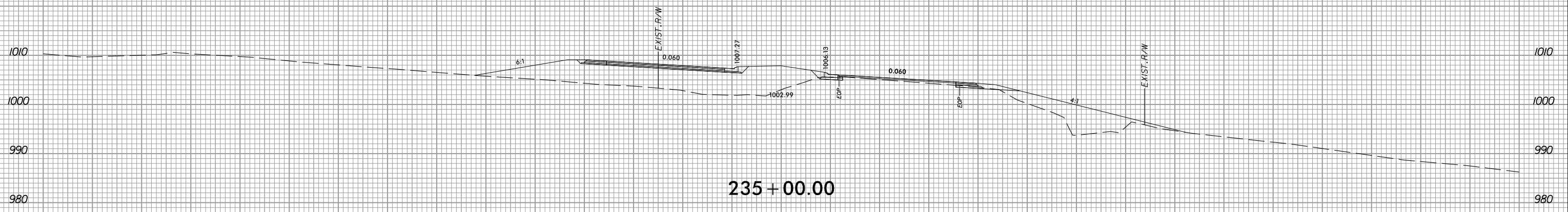
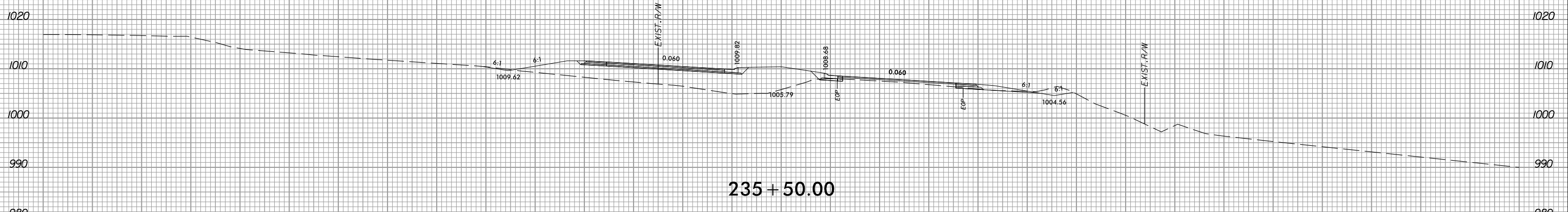
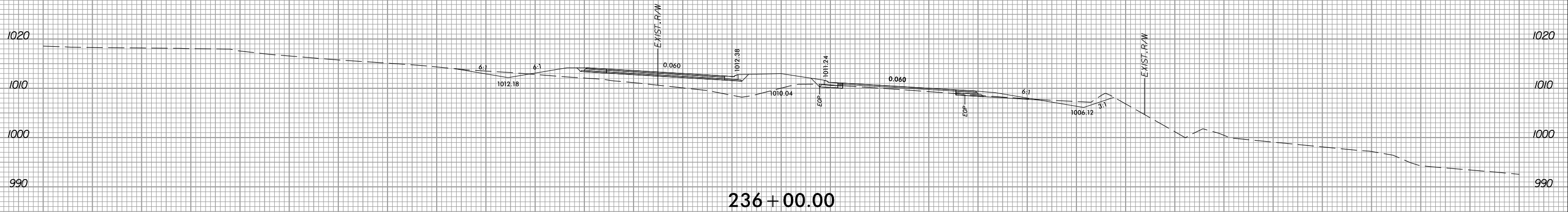
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 X:\sc\X\1\p3100A\_rdy.L.dgn



PROJ. REFERENCE NO.  
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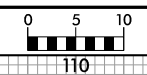
SHEET NO.  
X-112

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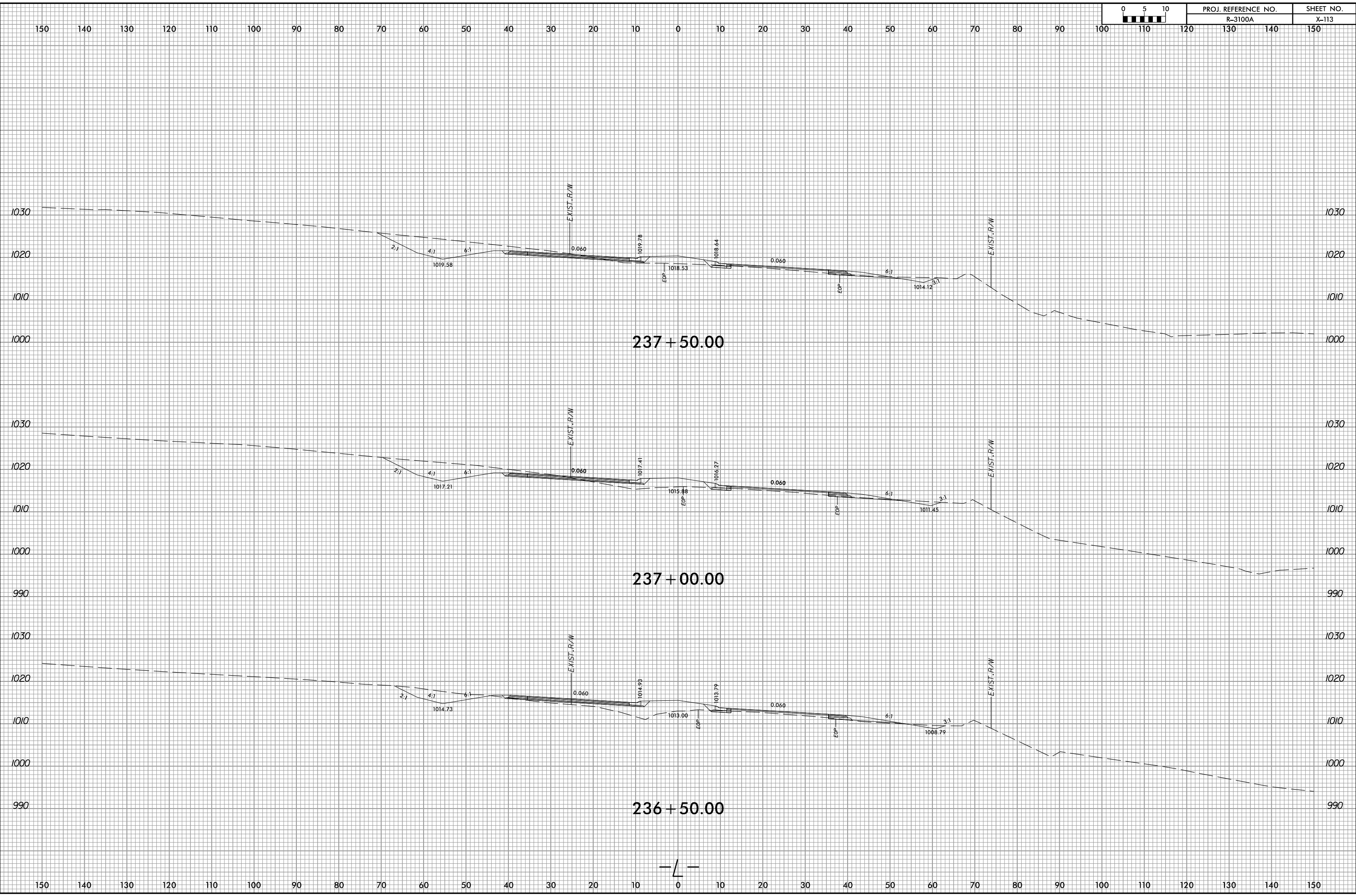


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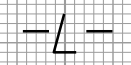
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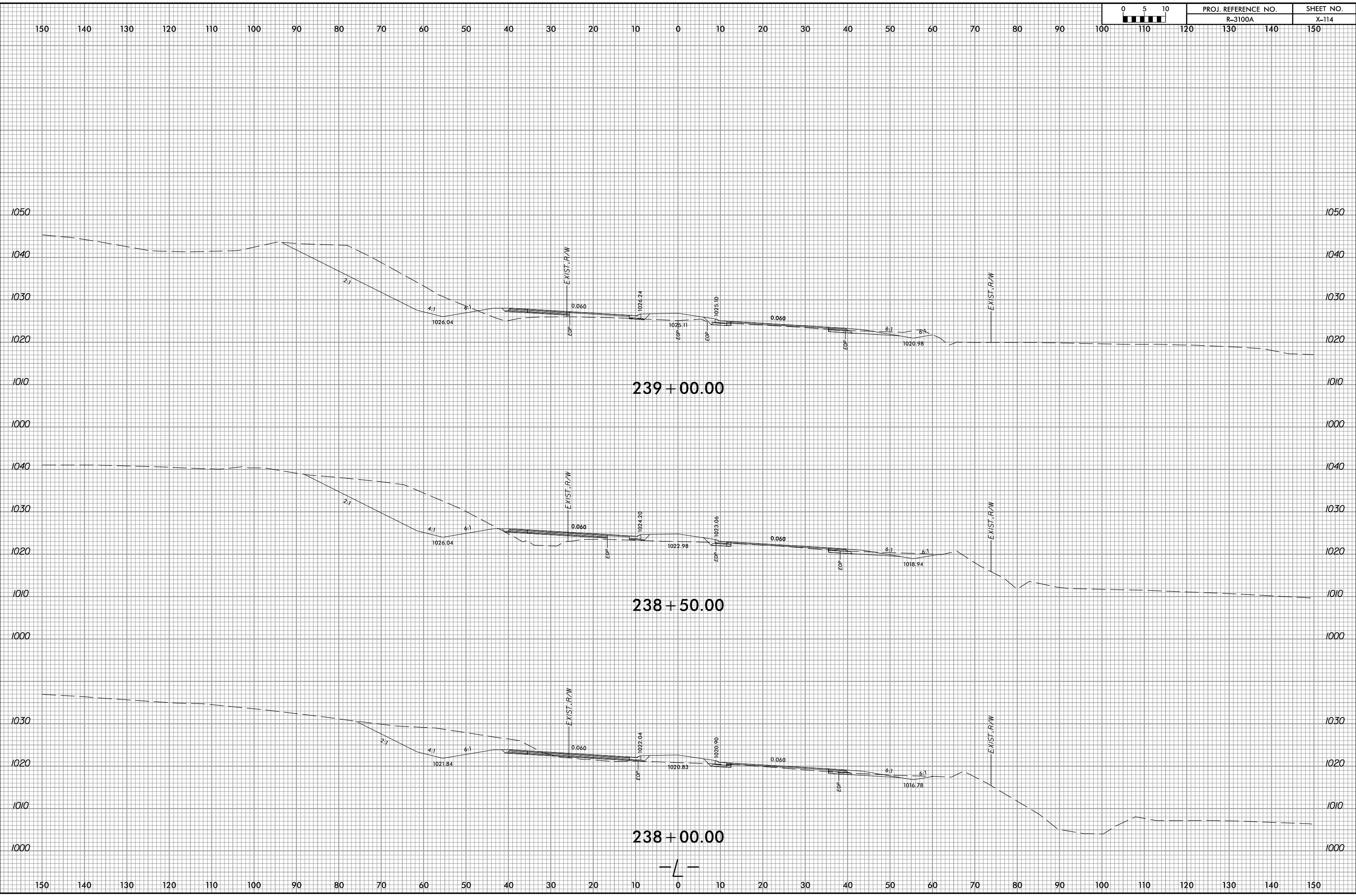
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R-3100A	X-113



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 9/4/08 3:22 AM





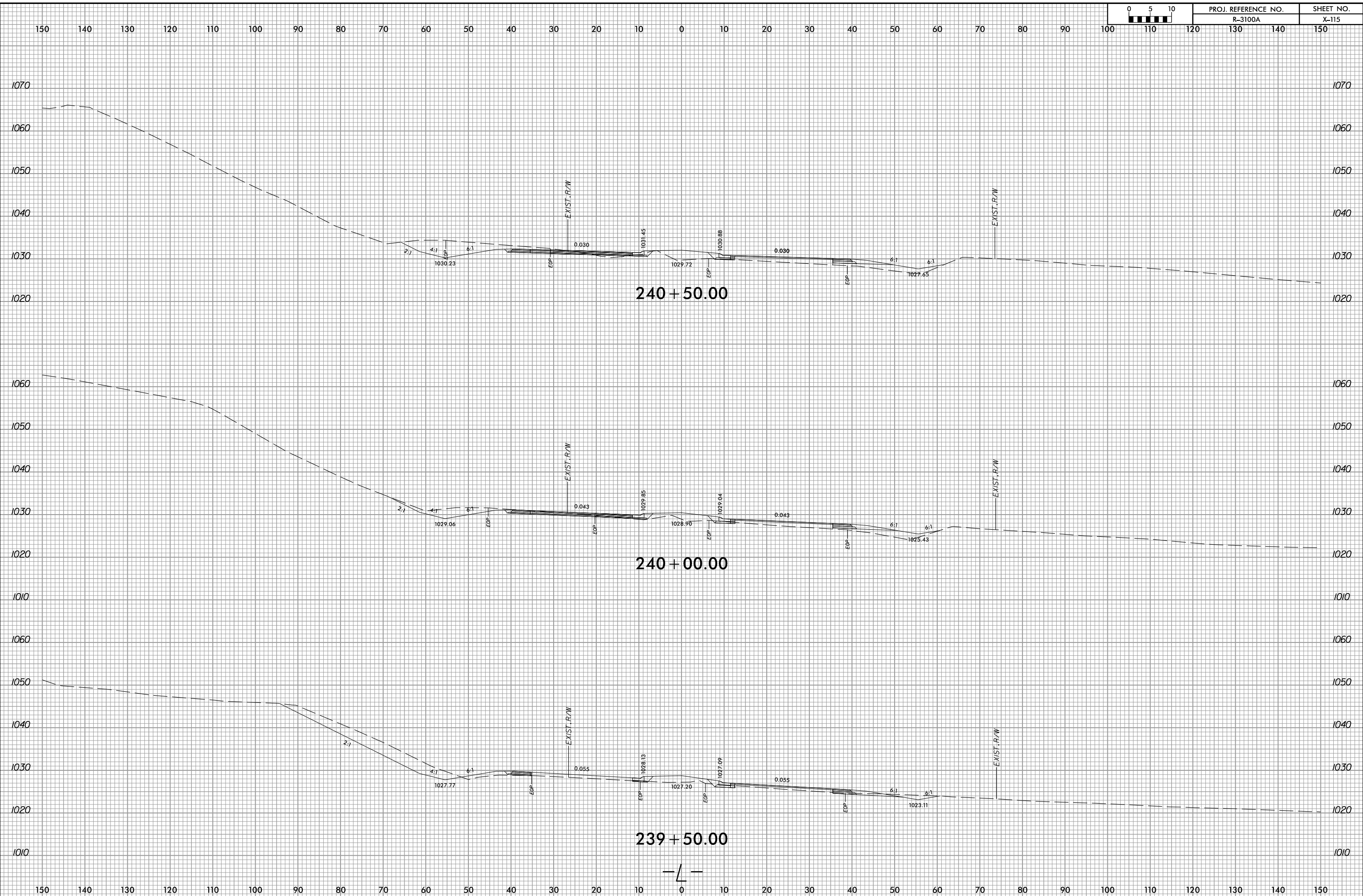


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 Xsc\Xp\103100A\_rdy\_xpl.Ldgn



PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-115



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 9:43:23 AM

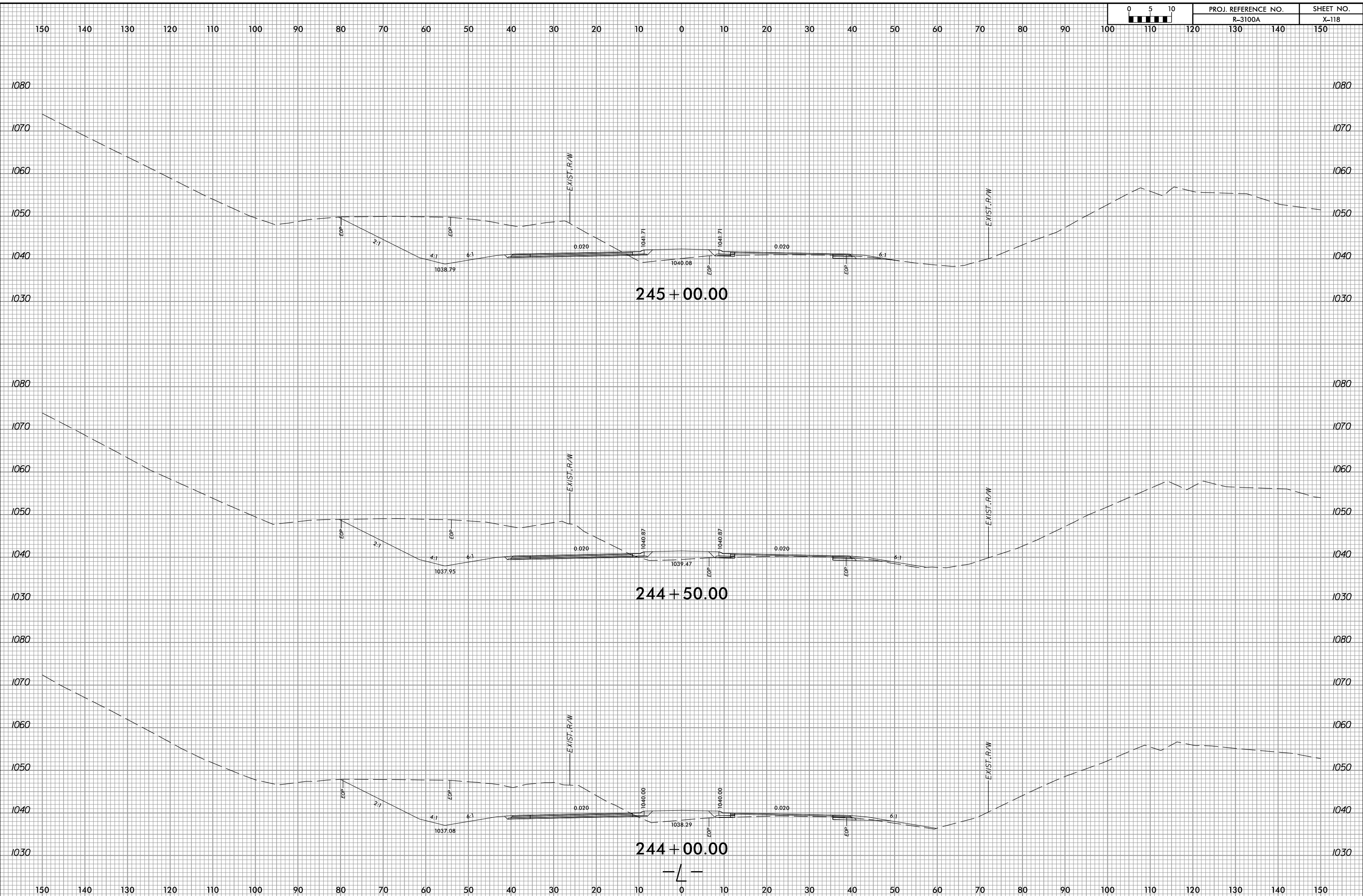




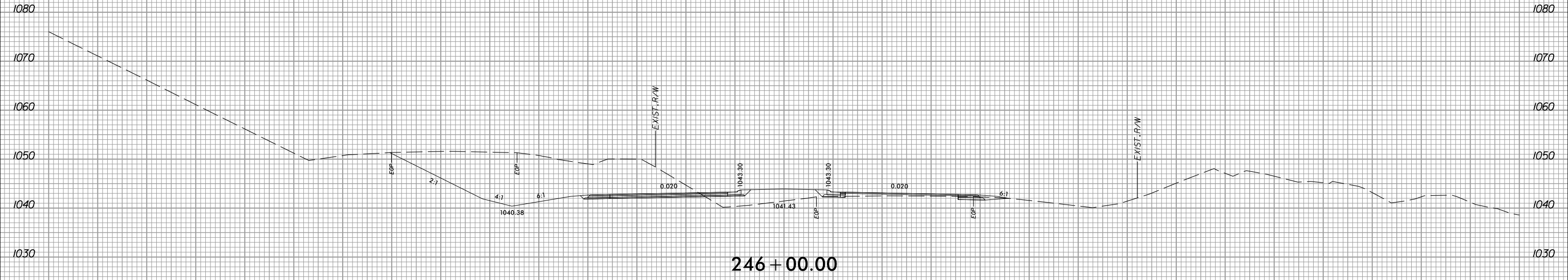
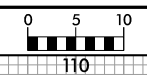


PROJ. REFERENCE NO.  
R-3100A

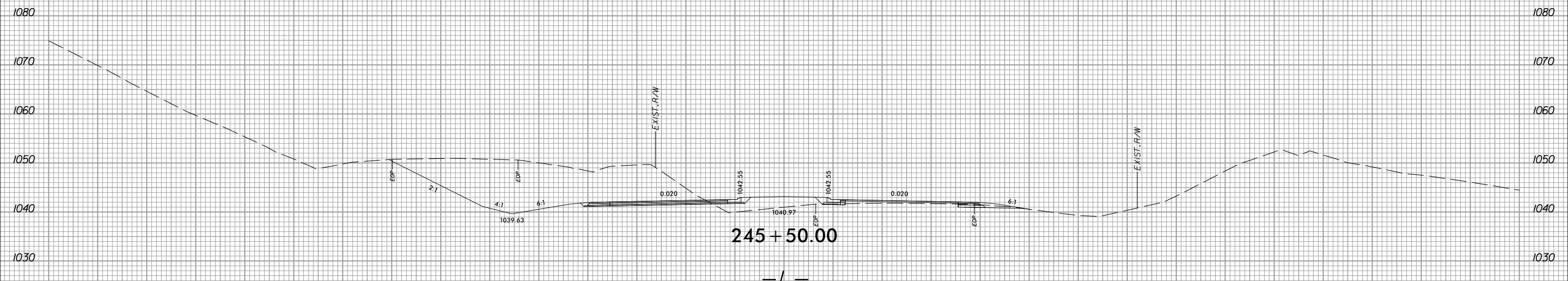
SHEET NO.  
X-118



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9:43:26 AM



246 + 00.00

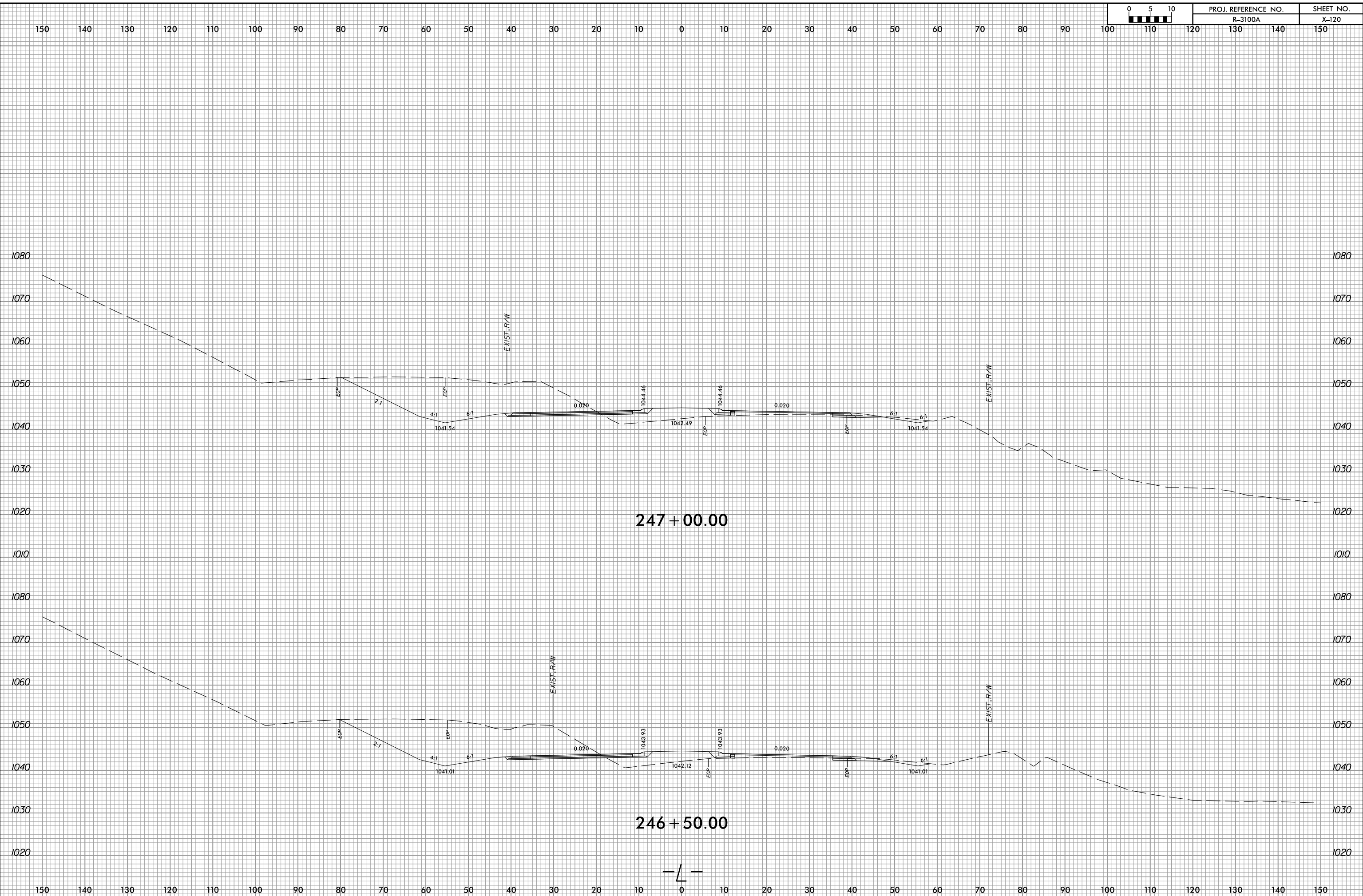


245 + 50.00

PH:56855  
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9/4/2017 4:32:17 AM



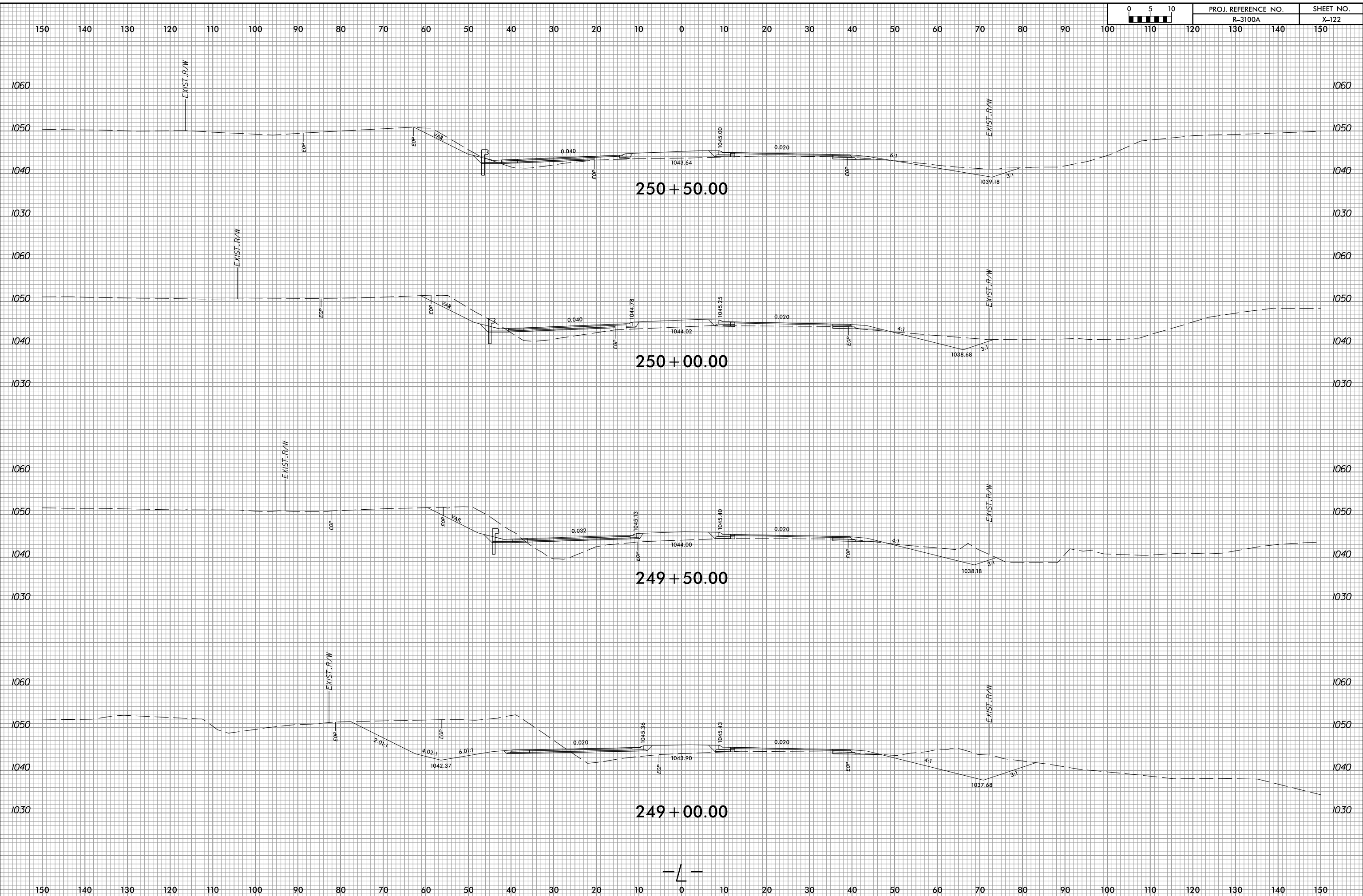
PROJ. REFERENCE NO.	SHEET NO.
R-3100A	X-120



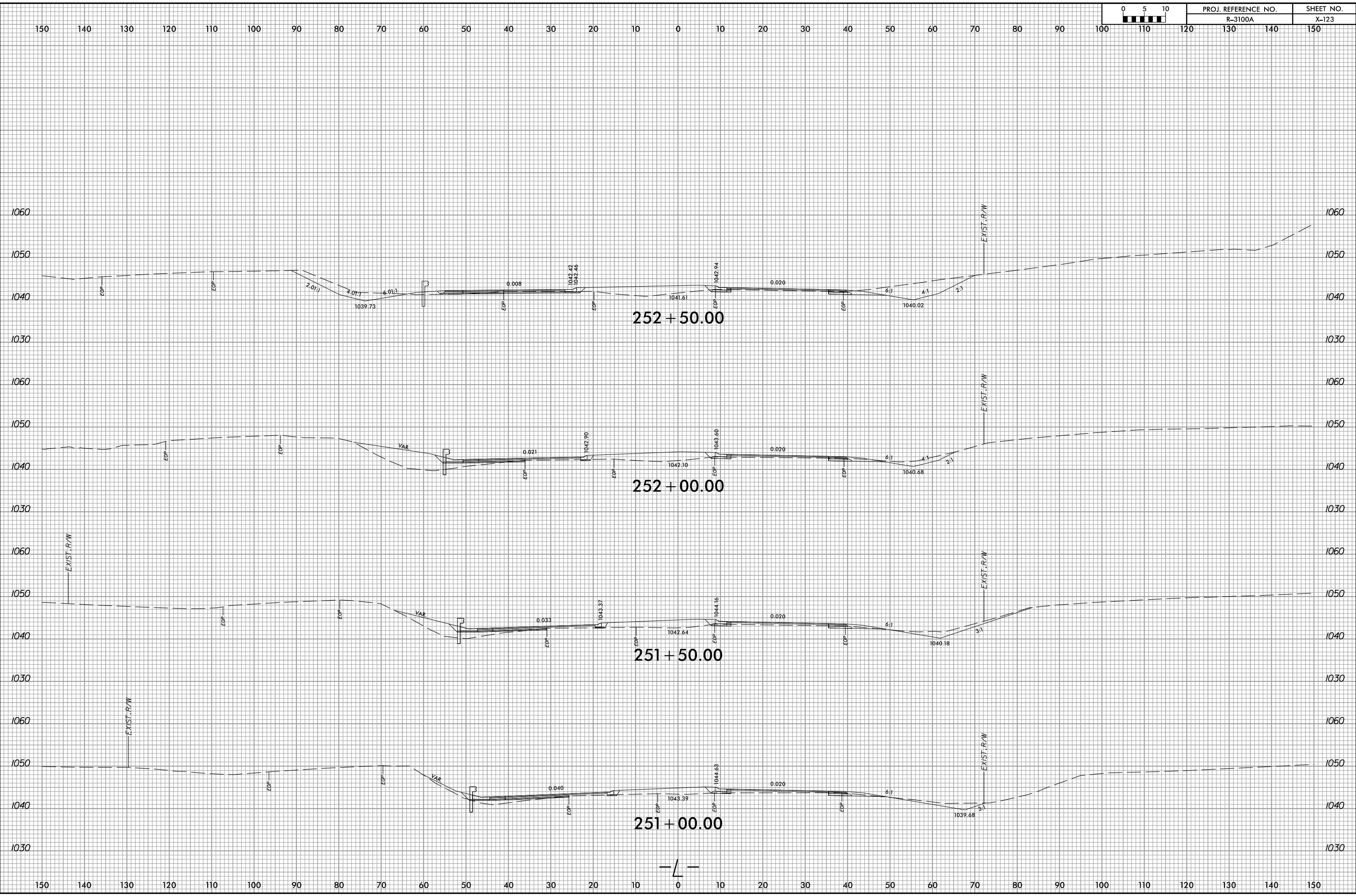
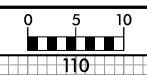
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 9:43:28 AM  
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 5/20/2017  
 9:43:30 AM  
 Xsc\X\156855\156855.dgn

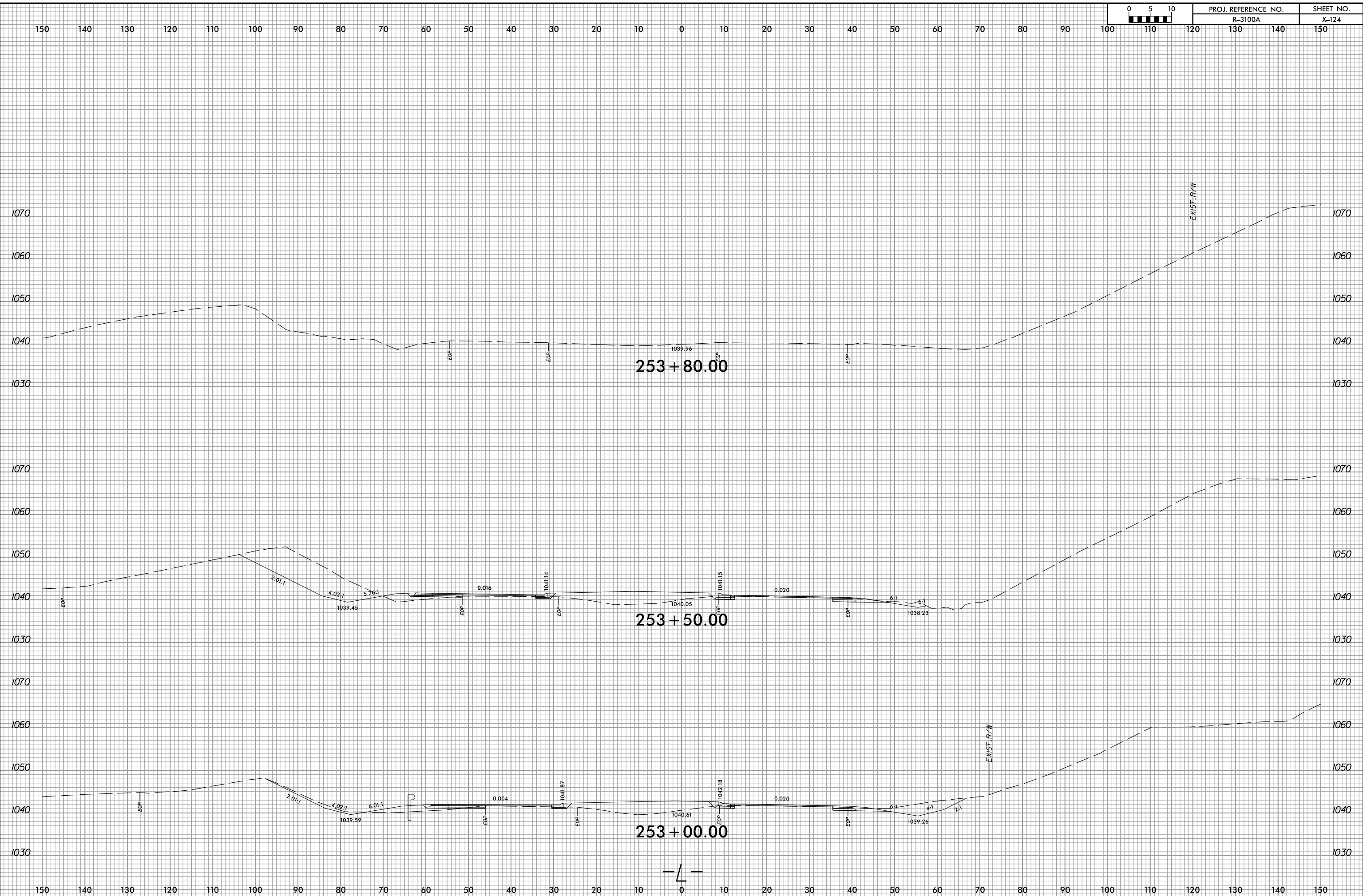


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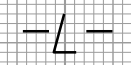


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SHEET NO.  
X-124

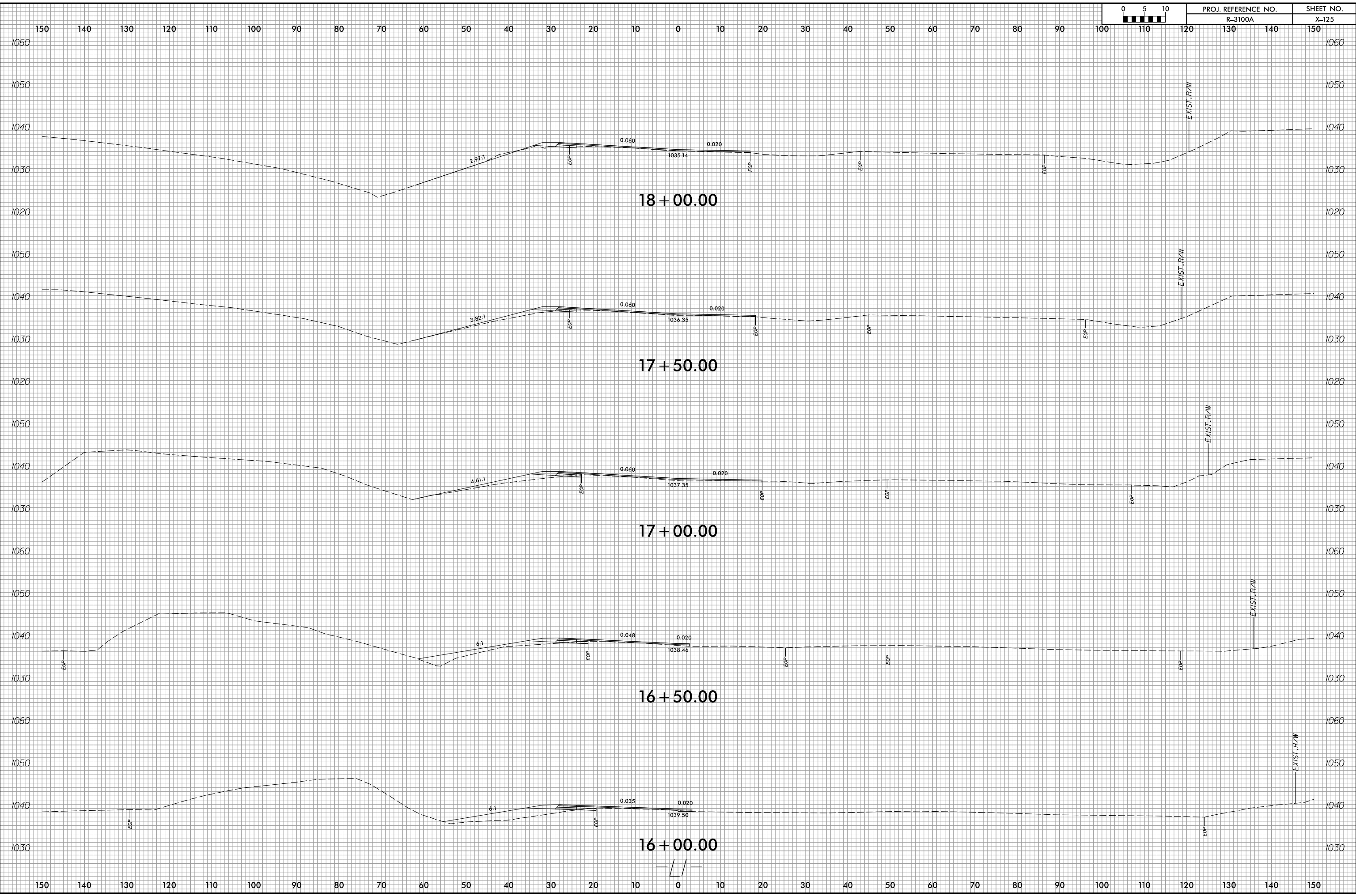


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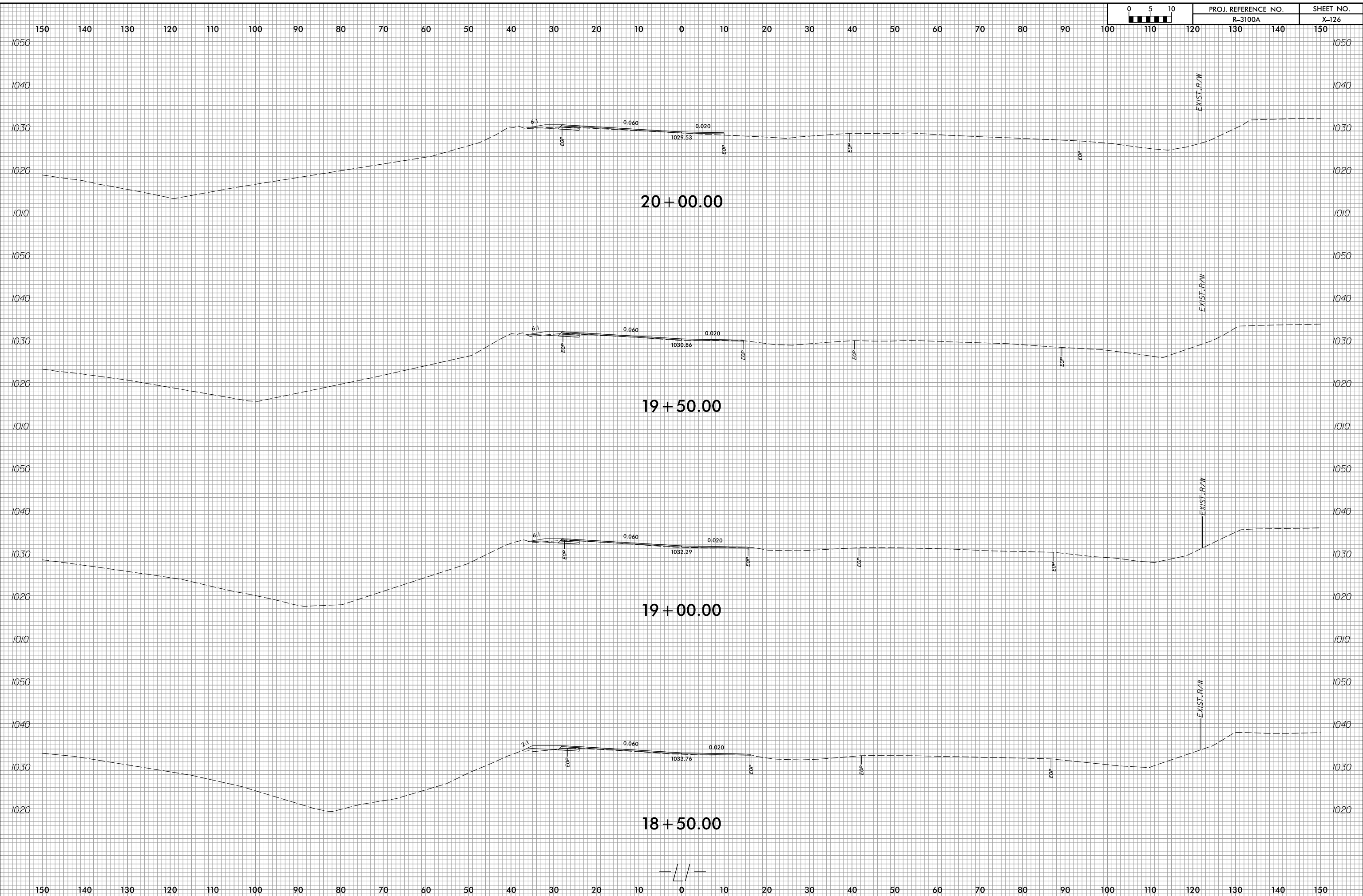
PROJ. REFERENCE NO.	SHEET NO.
R-3100A	X-125



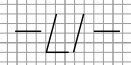
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PROJ. REFERENCE NO.	SHEET NO.
R-3100A	X-126



Job: 66165  
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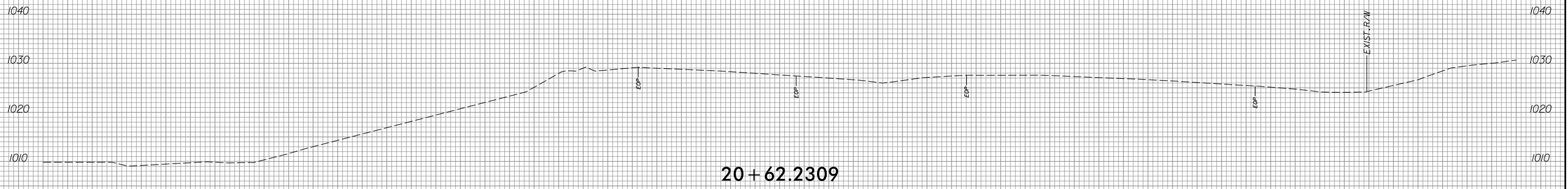




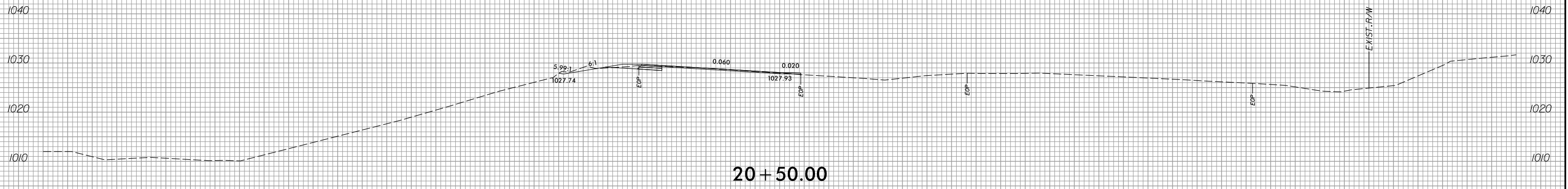
PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-127

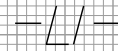
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20 + 62.2309



20 + 50.00



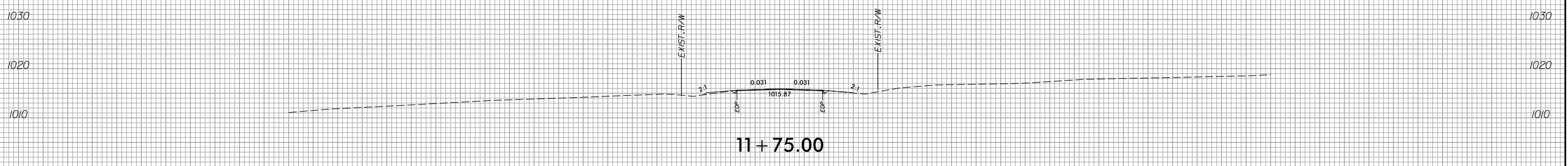
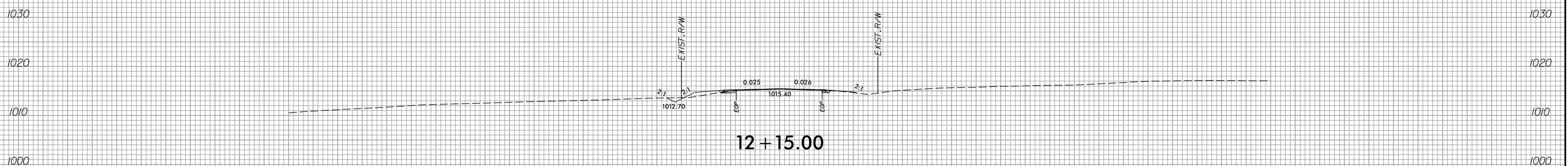
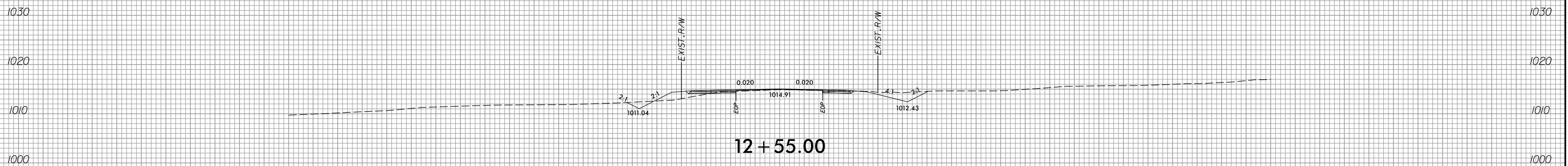
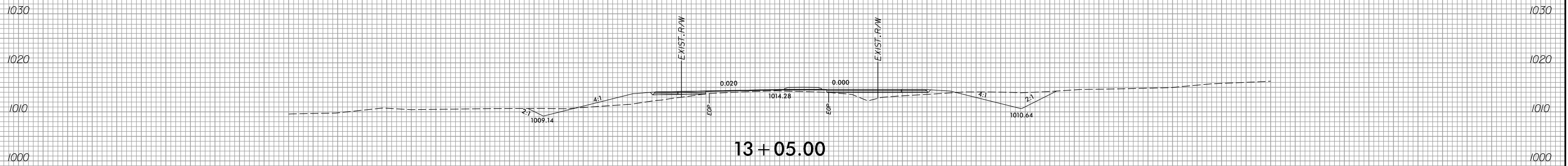
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PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-128

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

-Y16-

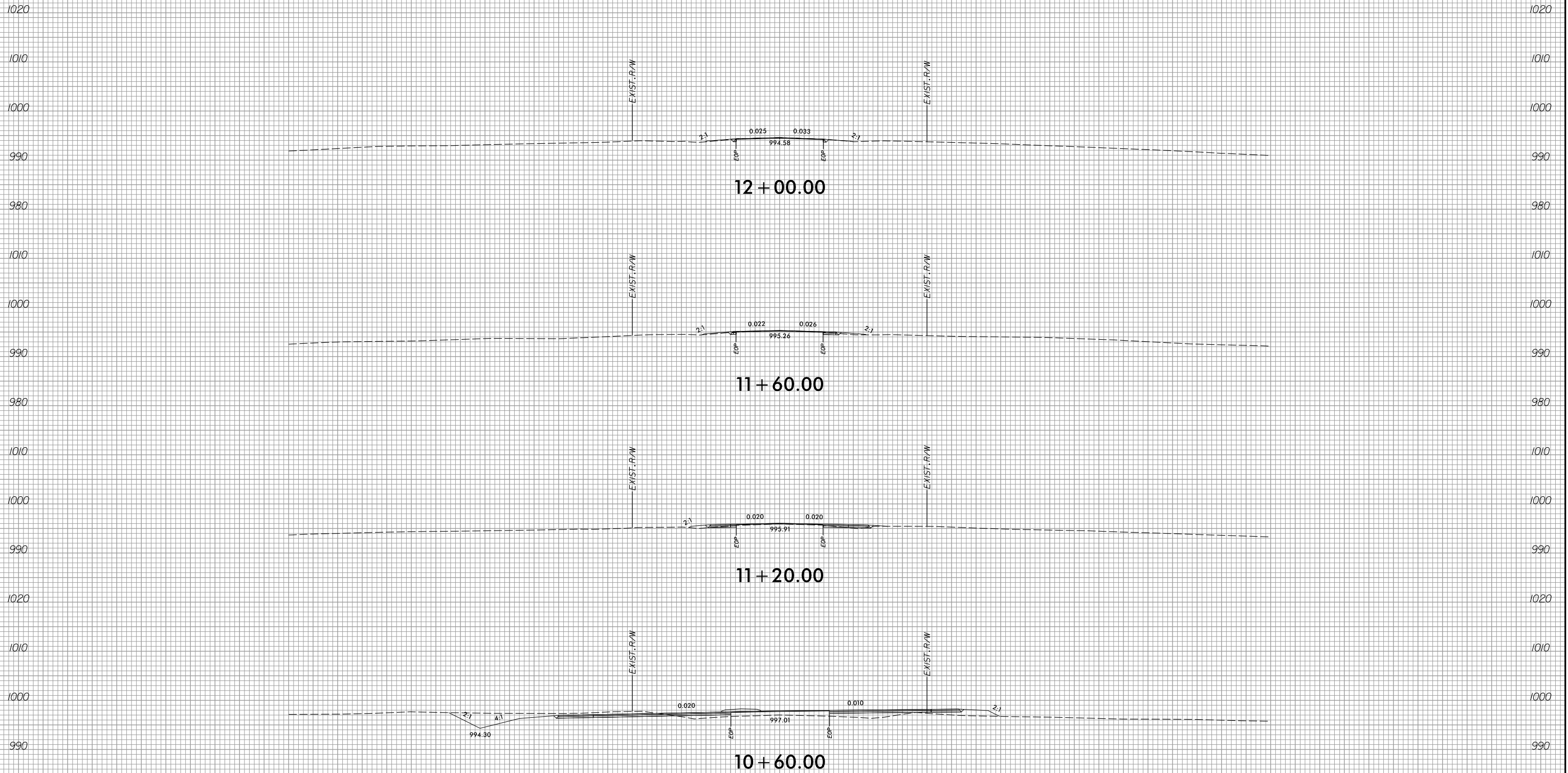
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 5/12/2010  
 5:12:20 PM  
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 1:41:07 PM



PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-129

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



1020

1010

1000

990

980

1010

1000

990

980

1010

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-Y17-

J:\66165 5/12/2010 5:14:09 PM





PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-130

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100

1010

1010

1000

1000

990

990

1020

1020

1010

1010

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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

11 + 50.00

11 + 25.00

11 + 00.00

10 + 75.00

10 + 50.00

-Y18-

Job: 66165  
5/12/2010 4:41:11 PM  
X:\P\3100A\_rdy\_xpl\_118.dgn

2:1 0.018 0.025 2:1  
1001.48

2:1 0.020 0.020 2:1  
1001.63

2:1 0.003 0.020 2:1  
1001.87

2:1 0.013 0.020 2:1  
1002.15

2:1 0.030 0.030 2:1  
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21.92:1

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

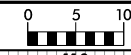
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EXIST. R/W

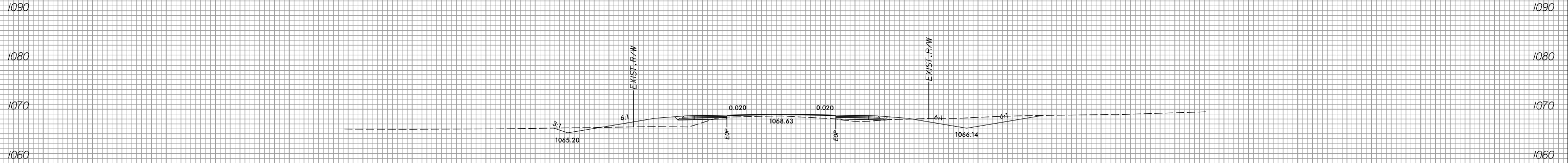
-Y18-



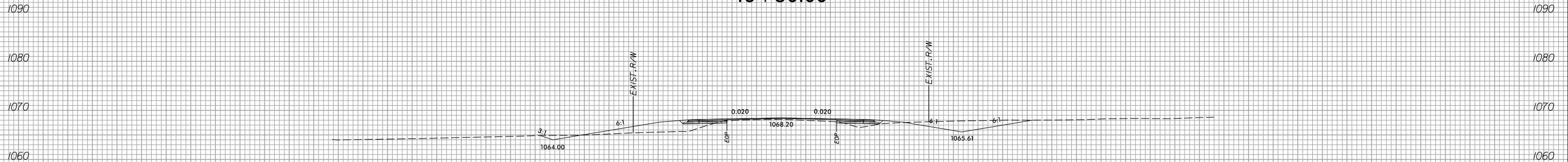
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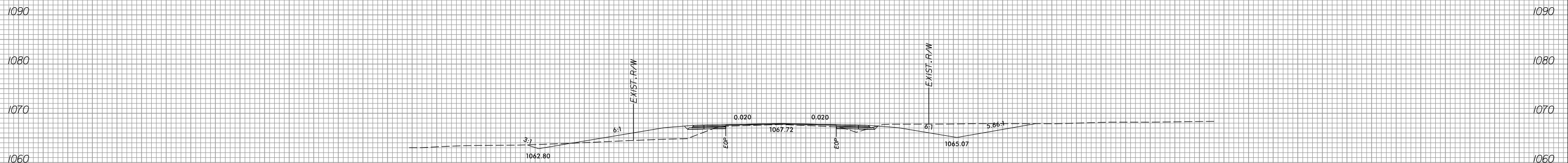
PROJ. REFERENCE NO.	SHEET NO.
R-3100A	X-132



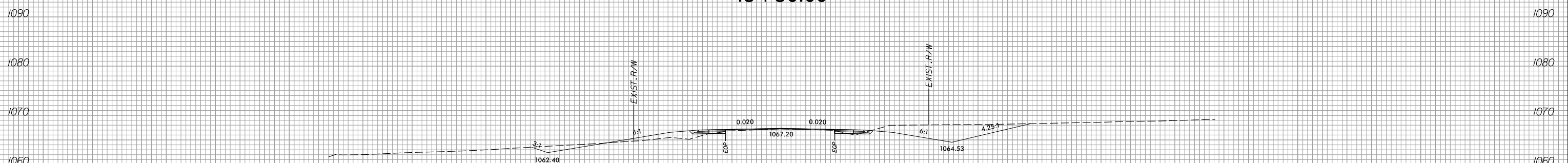
16 + 50.00



16 + 00.00



15 + 50.00



15 + 00.00

-Y19-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

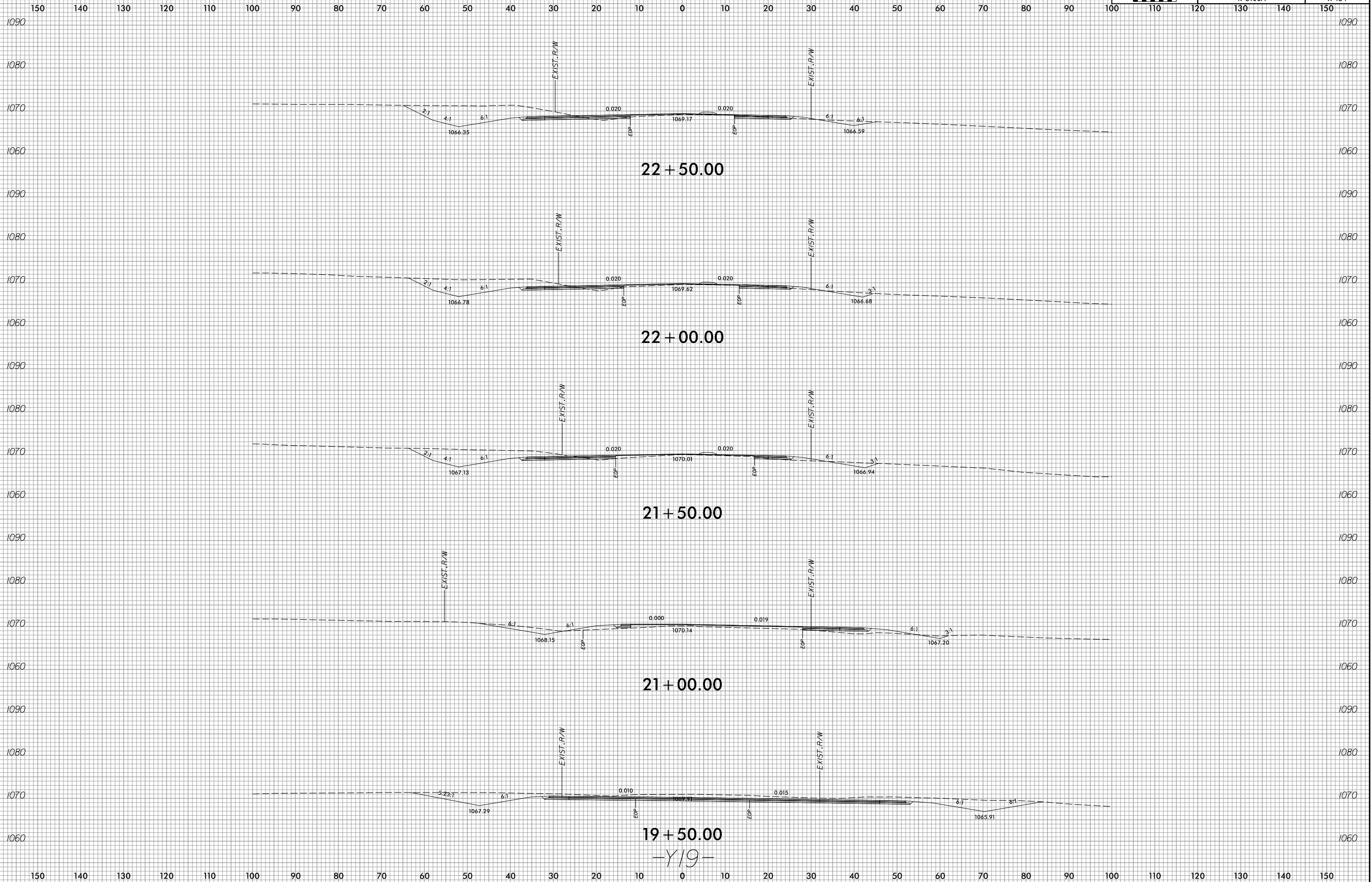
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PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-134

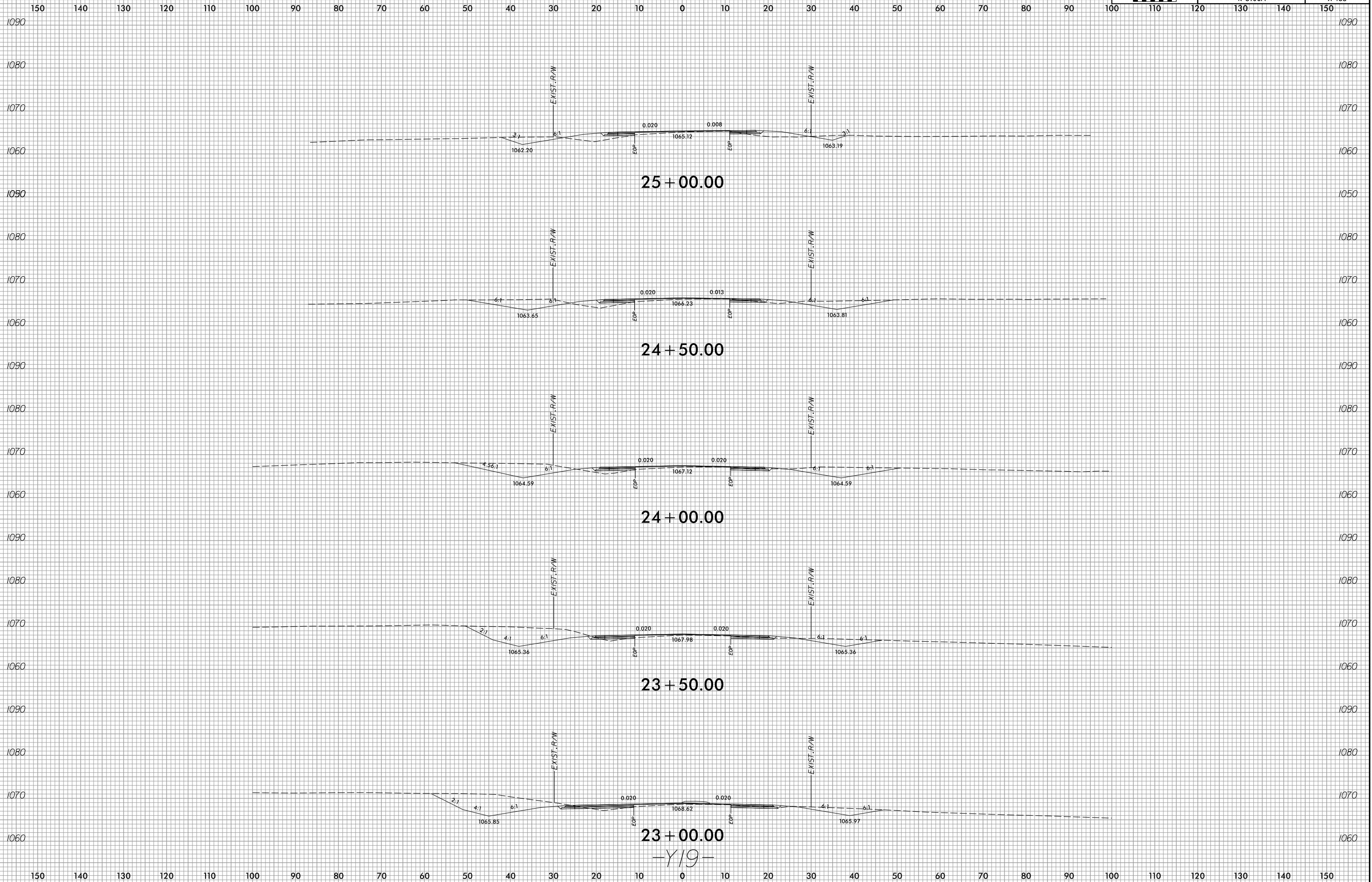


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5/12/2010  
5:23:14 PM  
R-3100A  
X-134



PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-135



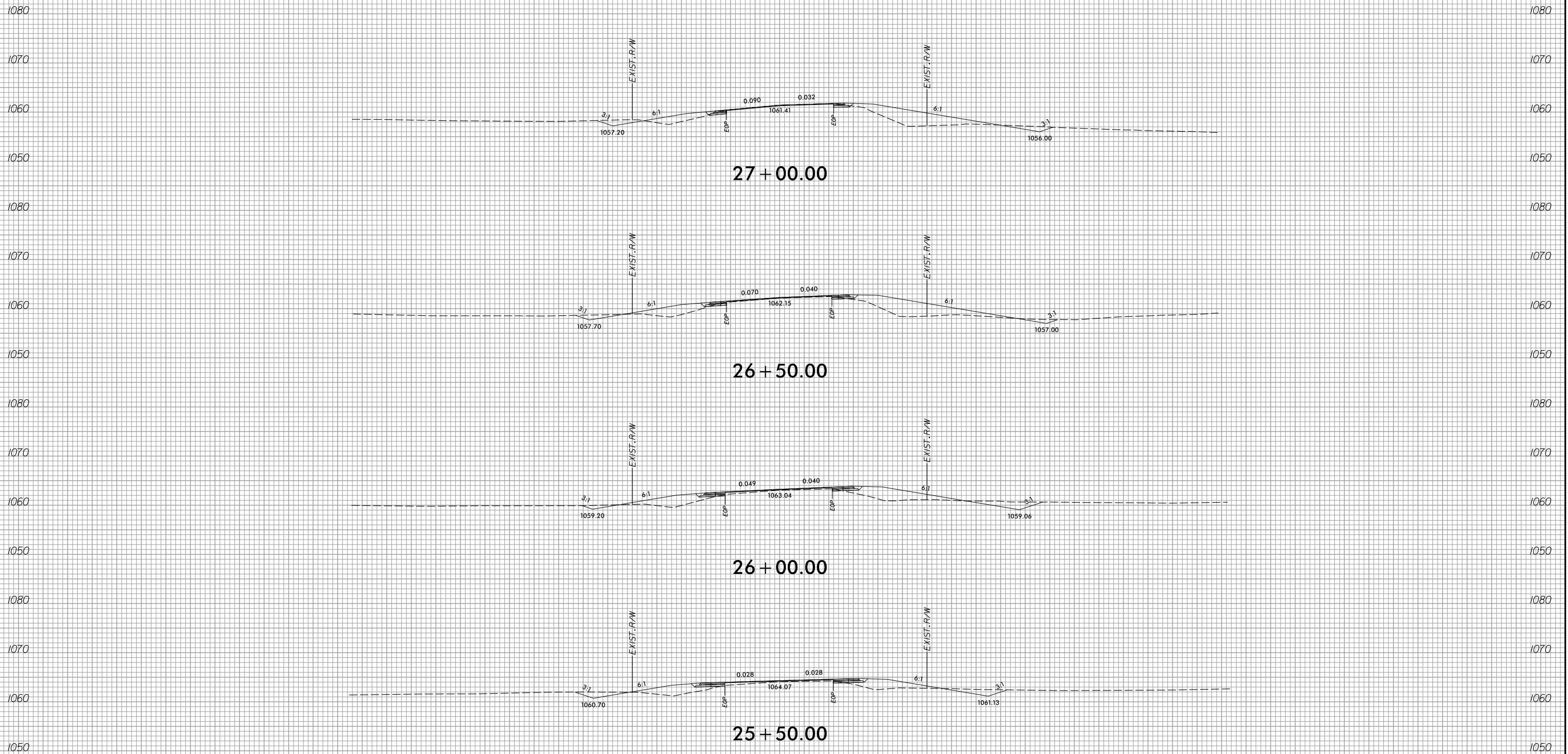
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PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-136

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27 + 00.00

26 + 50.00

26 + 00.00

25 + 50.00

-Y19-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

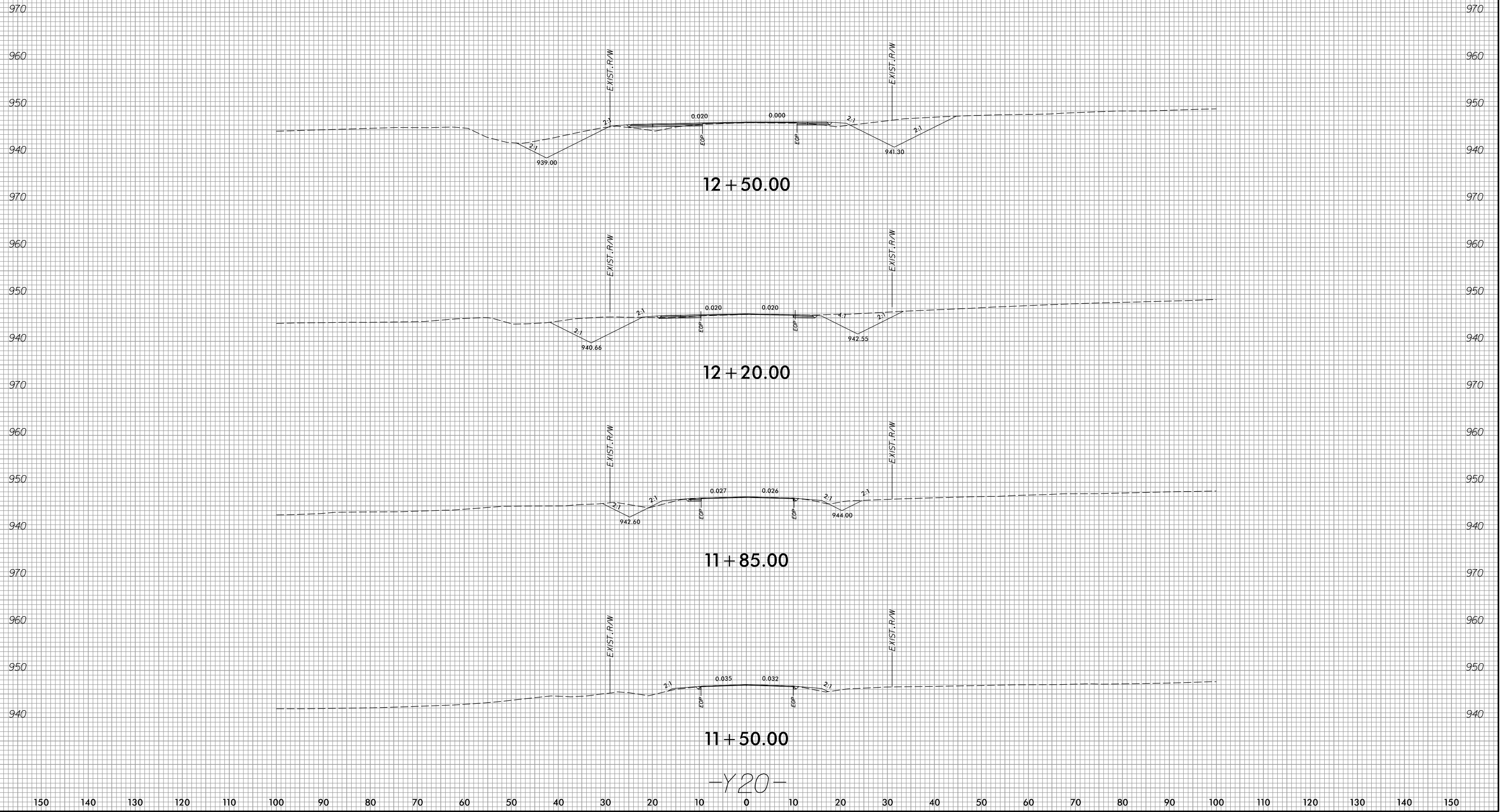
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PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-138

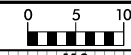
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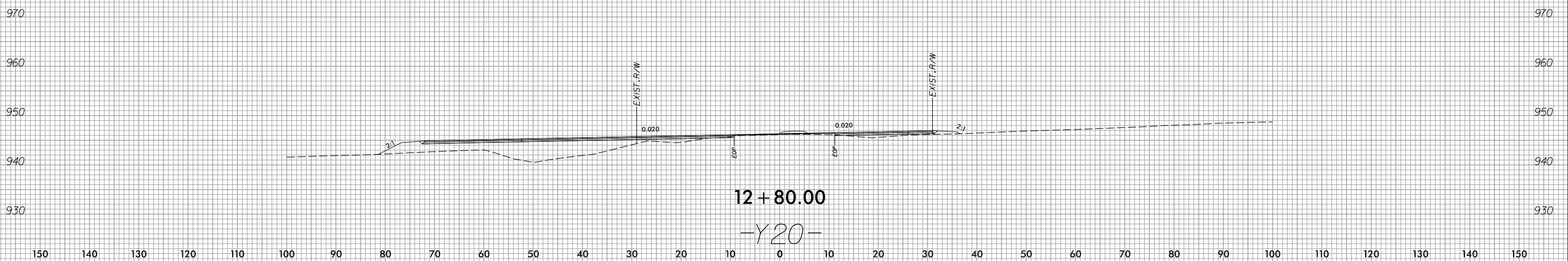
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PROJ. REFERENCE NO.	SHEET NO.
R-3100A	X-139

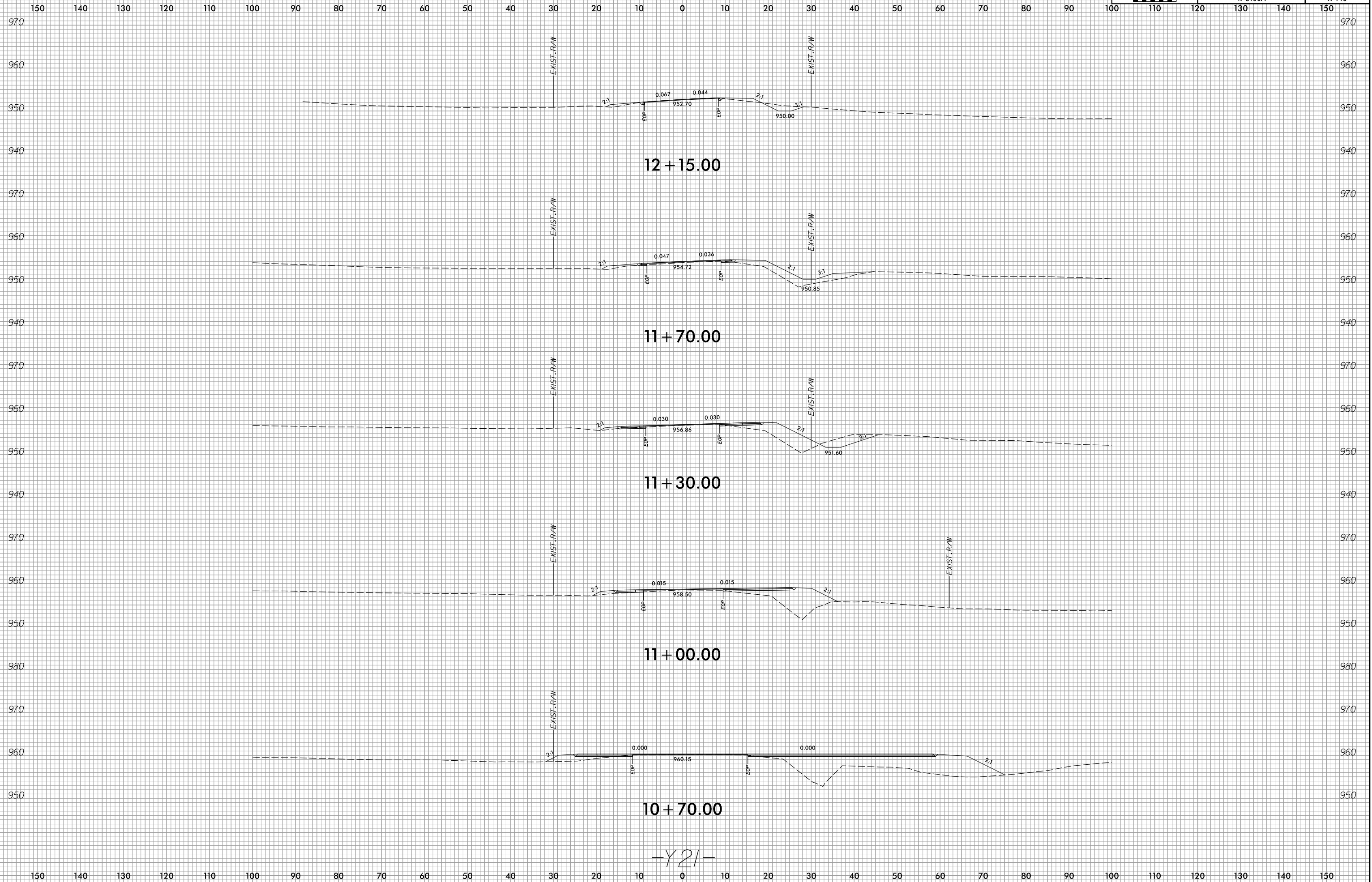


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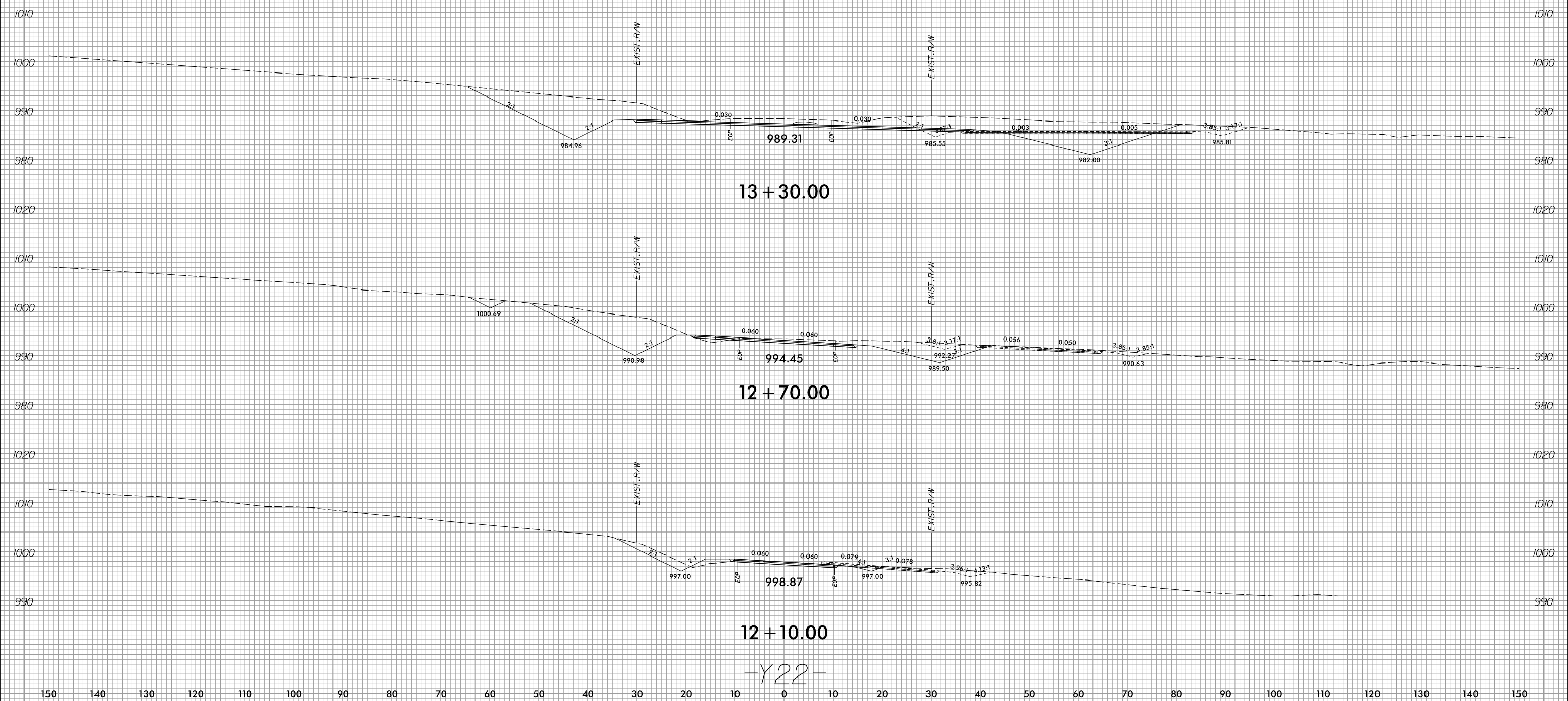
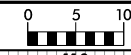
PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-140



-Y21-

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-Y22-

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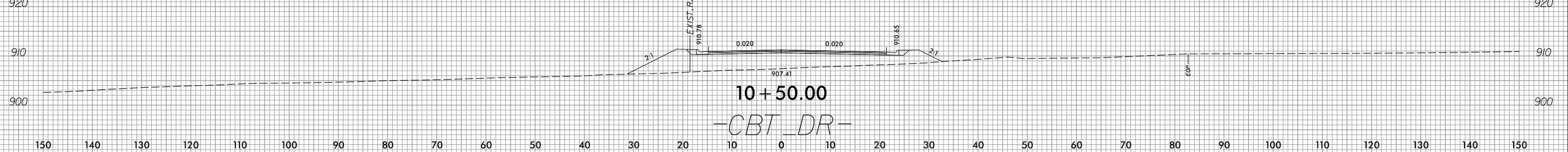
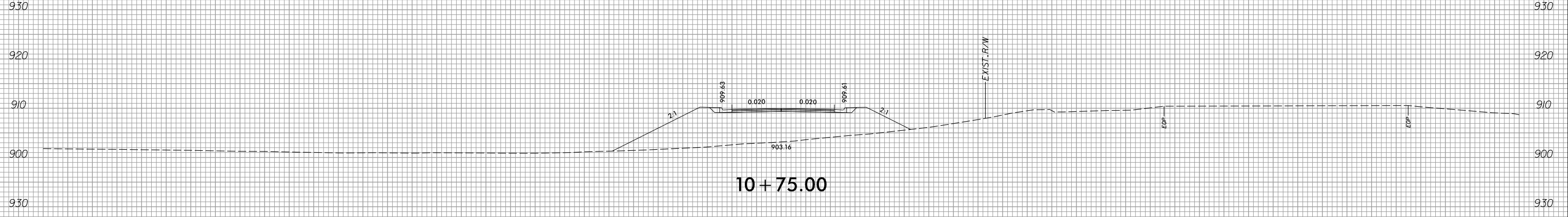
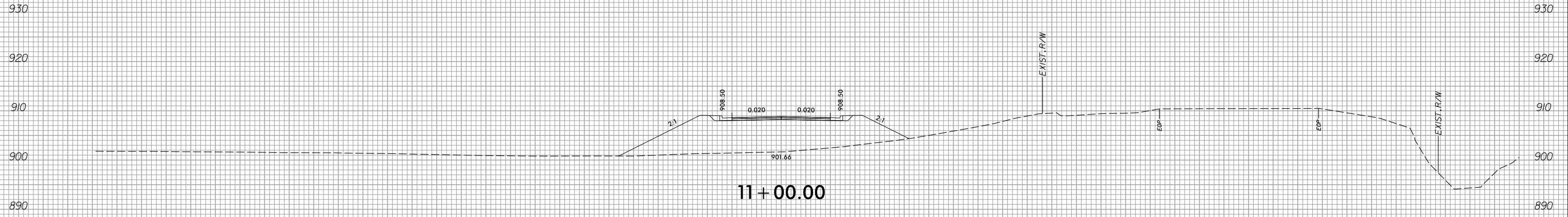
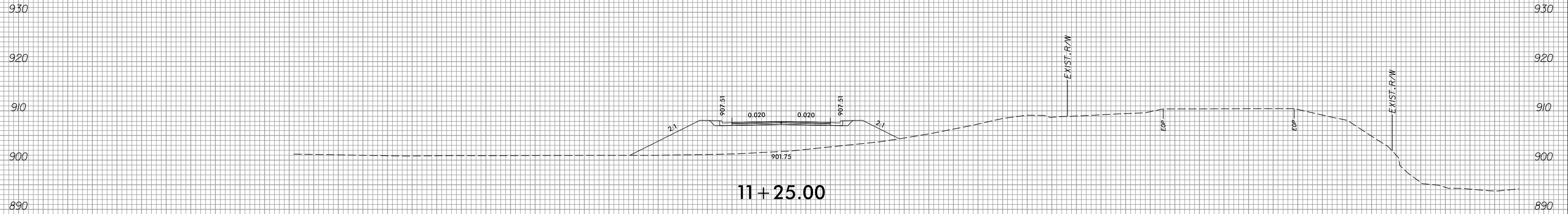




PROJ. REFERENCE NO.  
R-3100A

SHEET NO.  
X-142

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-CBT\_DR-

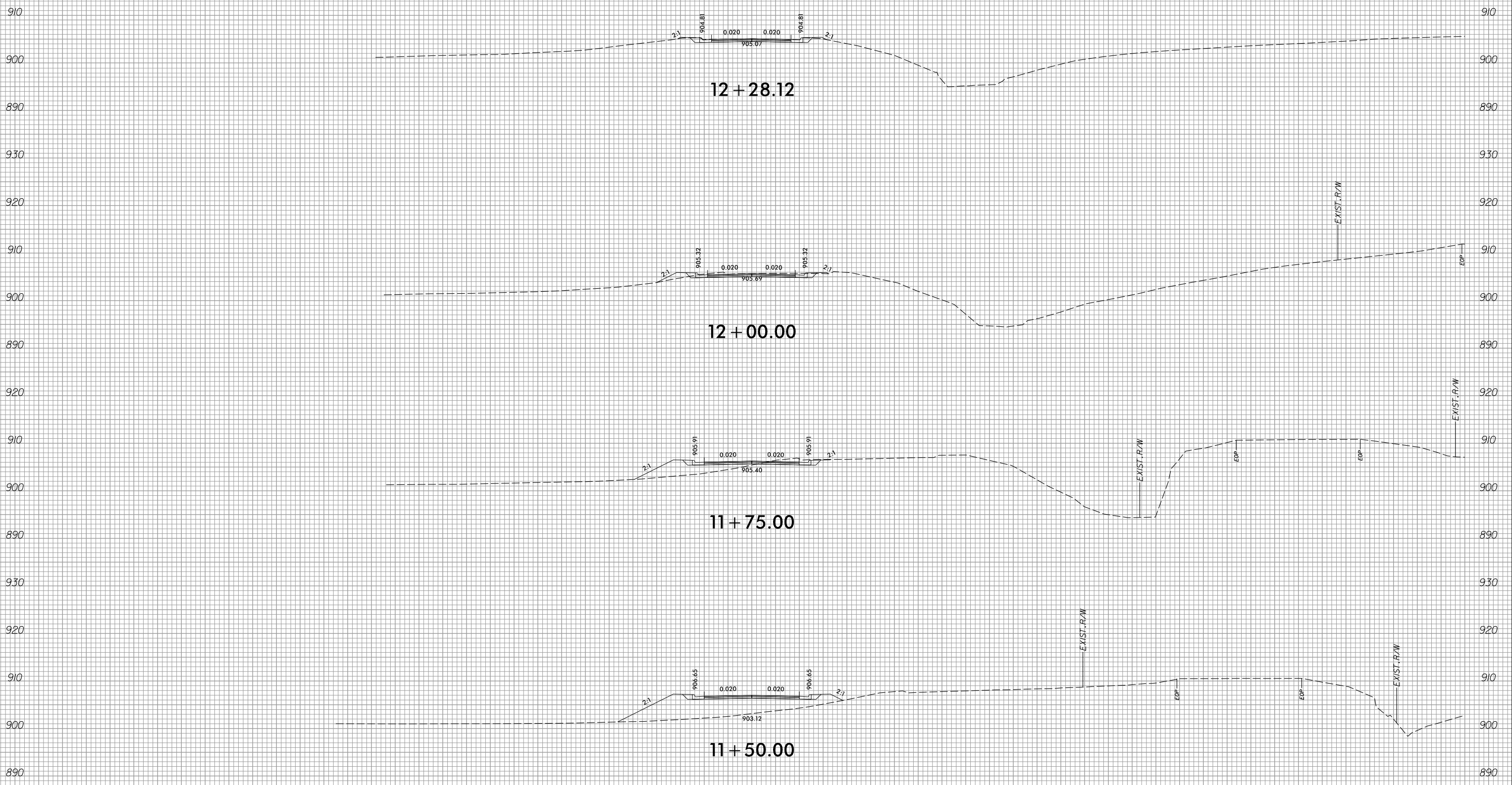
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PROJ. REFERENCE NO.	SHEET NO.
R-3100A	X-143

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



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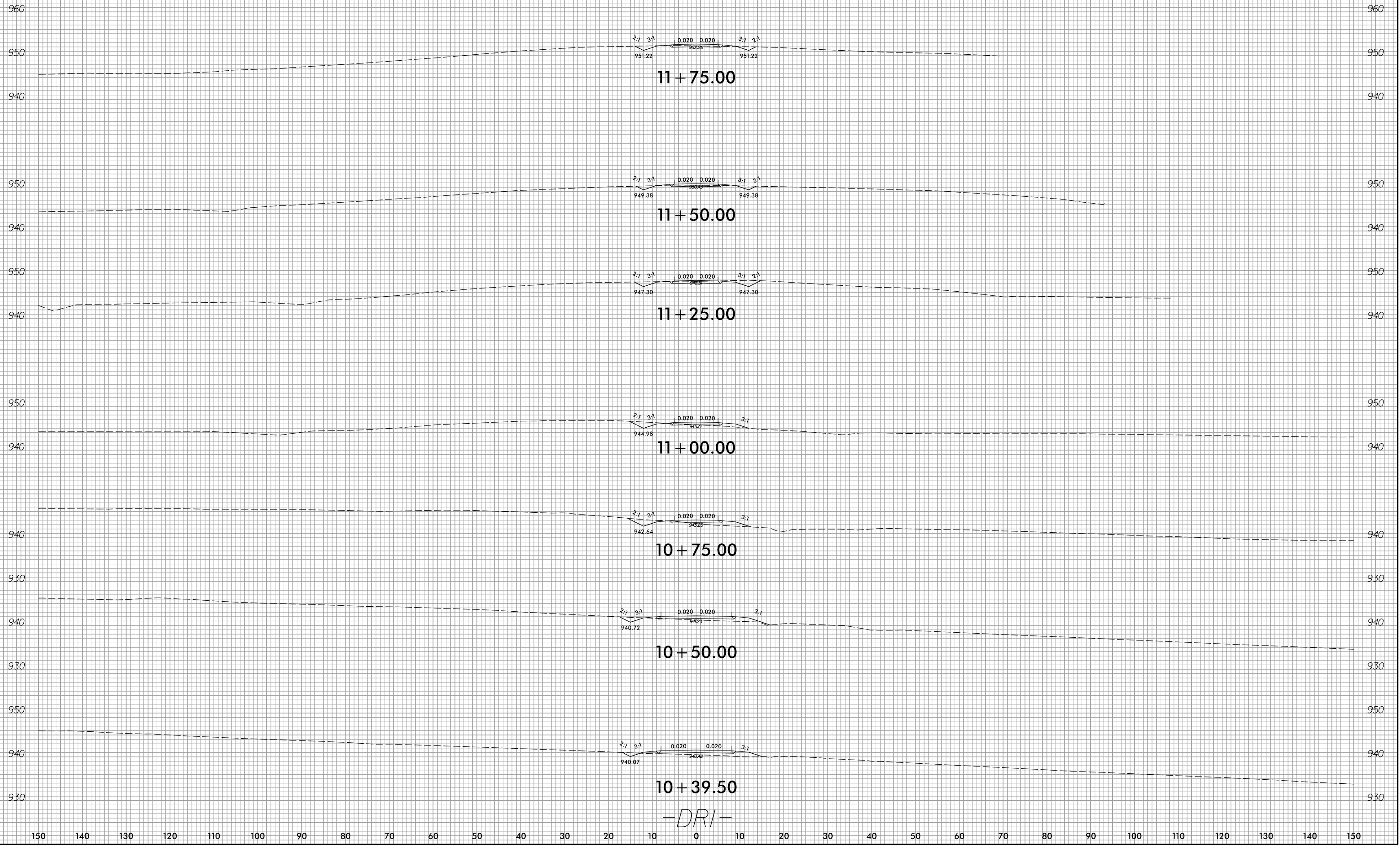
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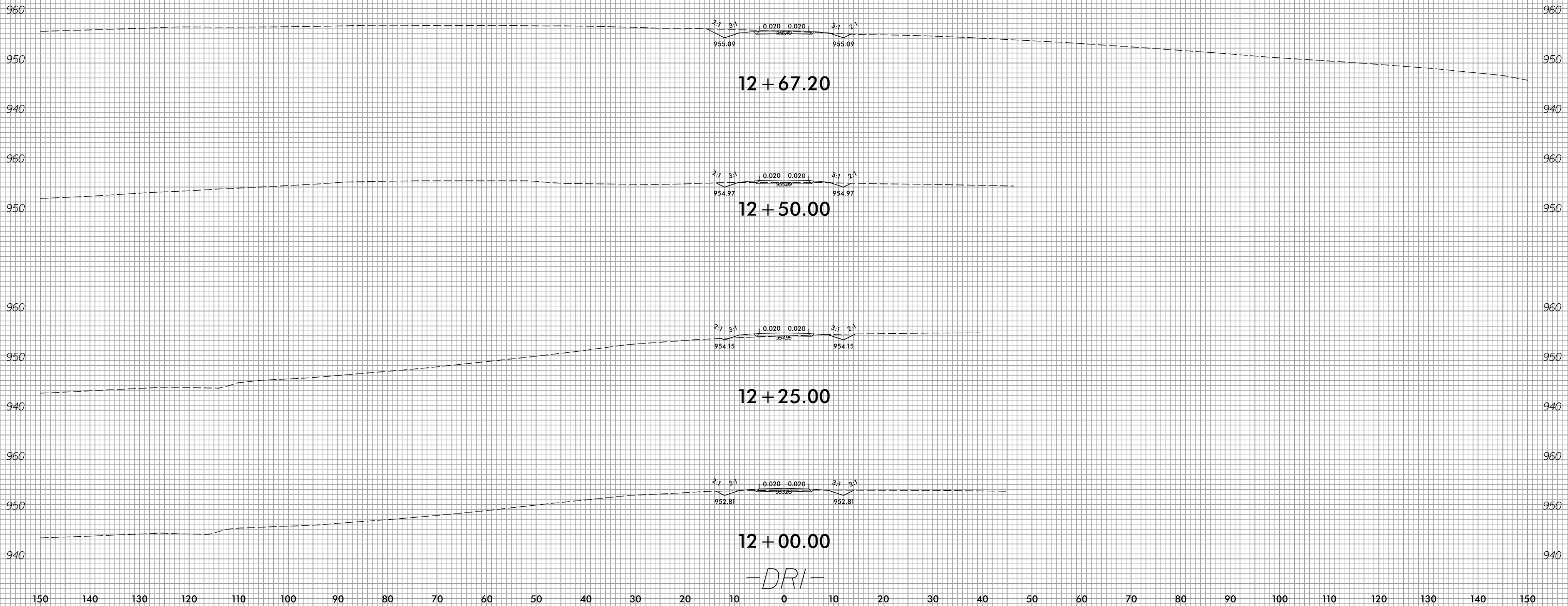
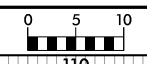
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R-3100A

SHEET NO.  
X-144

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10:56:165  
2/12/2018  
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I:\66165  
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